

**Gerhard Jean Marie (John) KRIGE**  
**Kranzberg Professor**  
**School of History, Technology and Society**  
**Georgia Institute of Technology, Atlanta.**

**WEBSITE: [johnkrige.com](http://johnkrige.com)**

**I. EARNED DEGREES**

*PhD (1979), Philosophy, University of Sussex, UK.*

*PhD (1966), Physical Chemistry, University of Pretoria, South Africa.*

**II. EMPLOYMENT**

- 8/00 - Kranzberg Professor, School of History, Technology and Society, Georgia Institute of Technology, Atlanta
- 1996- 8/00 Director, Centre de recherche en histoire des sciences et des techniques, Cité des Sciences et de l'Industrie, Paris, France
- 1991-1995 Project Leader, History of the European Space Agency Project, European University Institute, Florence, Italy
- 1982-1990 Team member then Project Leader, History of CERN Project, CERN, Geneva, Switzerland
- 1976-1982 Temporary Lecturer, History and Social Studies of Science, University of Sussex, Brighton, UK
- 1979-1982 Part-time lecturer, University of London Institute of Education, London, UK.
- 1968-1971 Research Officer, Chemistry Division, Atomic Energy Board, Pelindaba, South Africa.

**III. HONORS, AWARDS AND PRIZES**

- Winner, Doreen and Jim McElvany Nonproliferation Challenge, James Martin Center for Nonproliferation Studies, Monterey, CA., November 2011.

- Eleanor Searle Visiting Professor of History, Department of Humanities and Social Sciences, California Institute of Technology, Pasadena, CA, January – June 2009.
- Georgia Tech Outstanding Faculty Research Award, 2008.
- Visiting Professor, Centre d’Estudis d’Història de les Ciènces, Universitat Autònoma de Barcelona, Spain, June 2008.
- Visiting Professor, Centre for the History of Science, Technology and Medicine, Manchester University, Manchester, UK, May 2008.
- Nat C. Robertson Distinguished Visiting Professor in Science and Society, Emory University, Atlanta (Academic Year 2007-8).
- Fellow, Shelby Cullom Davis Center, History Department, Princeton University, Fall 2006.
- Nat. C. Roberston Distinguished Visiting Professor in Science and Society, Emory University, Atlanta (Spring 2006).
- Elected Corresponding Member of the International Academy of the History of Science (Paris) (2005)
- Winner, Henry W. Dickinson Medal, awarded by the (British) Newcomen Society for the Study of the History of Engineering and Society (May 2005).
- Charles A. Lindbergh Fellow in Aerospace History, Smithsonian Institution, National Air and Space Museum, Washington DC (Academic Year 2004-5)

**RECENT GRANTS:** Controlling the Flow of Knowledge in an Interconnected World, NSF Grant, Oct. 2012 – Sep 2014, ~\$180,000.

#### **IV. TEACHING**

##### **A. COURSES TAUGHT SINCE 2000**

###### Graduate seminars

2000 Fall, HTS6002, Proseminar in the History of Technology – 10 students

2001 Spring HTS6112, Studies in Science and Engineering – 9 students

2001 Fall HTS6002, Proseminar in the History of Technology – 5 students

- 2002 Spring HTS8803, Special Topics – 7 students
- 2002 Fall HTS6002, Proseminar in the History of Technology – 9 students
- 2003 Spring HTS 6002 Proseminar in the History of Technology – 4 students
- 2005 Spring HTS8002A, Social and Cultural Perspectives on Technology and Science - 11 students
- 2006 Spring HTS6111, Technology and Culture – 7 students
- 2007 Spring HTS8002, Social and Cultural Perspectives on Technology and Science - 9 students
- 2008 Spring HTS6002 , Proseminar in the History of Technology – 1 student
- 2008 Fall HTS6002 – Proseminar in the History of Technology 8 students (Received ‘Thank a Teacher’ CETL Award)
- 2010 Spring HTS6002 – Proseminar in the History of Technology - 12 students
- 2011 Spring HTS6002 – Proseminar in the History of Technology - 7 students  
Fall HTS6002, Proseminar in the History of Technology – 4 students
- 2013 Spring HTS6002 - Proseminar in the History of Technology - 10 students  
Fall HTS6002 - Proseminar in the History of Technology - 6 students

Undergraduate (see below, Section C)

- 2001 Summer HTS4875ROX, The Conquest of Space (GATech Oxford) – 46 students
- 2001 Summer HTS4876ROX, Science, Technology and the Postwar Reconstruction of Europe (GATech Oxford) – 22 students
- 2002 Spring HTS4811D, History of Rocketry, Special Supplementary 1-Hour Credit Course – 5 students
- 2002 Summer HTS2084, Technology and Society (GATech Lorraine) – 53 Students
- 2002 Summer HTS4875, History of the Conquest of Space (GATech Lorraine) – 25 students
- 2003 Spring HTS 4084 Undergraduate seminar, Science, Technology and the Cold War - 15 students
- 2003 Summer HTS2084, Technology and Society (GATech Lorraine) – 74 Students
- 2003 Summer HTS4823, History of Rocketry (GATech Lorraine) – 21 students

- 2004 Spring HTS 4875 Special Topics (History of Rocketry) – 35 students  
 Summer, HTS 2084RMZ, Technology and Society (GATech Lorraine) – 63 students  
 Summer, HTS 4823RMZ, History of Rocketry (GATech Lorraine) – 33 students
- 2005 Spring, IDS385S, Science and Society, Emory University, Atlanta – 10 students
- 2006 Summer, HTS2084RMZ, Technology and Society (GATech Lorraine) – 75 students  
 Summer, HTS4823RMZ, History of Rocketry (GATech Lorraine) – 43 students
- 2007 Summer, HTS2084RMZ, Technology and Society (GATech Lorraine) – 51 students  
 Summer, HTS4823RMZ, History of Rocketry (GATech Lorraine) – 27 students  
 Fall, HTS2823H, The Conquest of Outer Space – 13 students  
 Fall, Science and Society (Emory University) – 9 students
- 2008 Summer, HTS2084ROX - Technology and Society, 31 students  
 Summer, HTS4823ROX – History of Rocketry, 29 students
- 2010 Summer, HTS2084ROX – Technology and Society, 25 students  
 Summer, HTS4823ROX – History of Rocketry, 27 students
- 2011 Summer, HTS2084RMZ – Technology and Society, 33 students  
 Summer, HTS4823RMZ – 25 students
- 2012 Spring HTS3813 – History of Rocketry – 28 students
- 2012 Summer HTS 2084 – Technology and Society – 46 students  
 Summer HTS3080 - History of Rocketry – 17 students
- 2013 Spring HTS 2084 – Technology and Society – 49 students
- 2013 Summer HTS 2084 - Technology and Society – 31 students  
 Summer HRS 3080 - History of Rocketry – 14 students

## **B. INDIVIDUAL STUDENT GUIDANCE**

1. Prakash Kumar (PhD Student) Thesis topic: The struggle to maintain a natural indigo dye industry in British India in the early 20thC. PhD awarded, August 2004.

2. Tim Stoneman (PhD student) Thesis topic: Globalizing the Gospel. Ph.D. Awarded, November 2005.
3. Jahnvi Phalkey (PhD Student) Thesis topic: Science, State-Formation and Development: The Organization of Nuclear Research in India, 1938-1959. PhD. Awarded, October 2007.
4. Ashok Maharaj (PhD Student) Thesis topic: Space for Development: US –India Space Relations, 1955 – 1976. PhD Awarded, December 2011.
5. Angelina Long Callahan (PhD Student) Thesis topic: Satellite Meteorology in the Cold War Era. International Coalitions and Cold War Leadership. PhD Awarded: December 2013.

*Directed Readings of PhD students*

Starr Aaron, Hung Joon An, Emily Gibson, Jennifer Green, Brian Jirout, Les Leighton, Angelina Long Callahan, Ashok Maharaj, Chris McGahey, Paul McKittrick, Jahnvi Phalkey, Art Slotkin, David Tuttle, Hannes Toivanen, Liang Yao, Hannah Weksler, Peter Westin, Patrick Zander, Fang Zhou.

### **C. NEW COURSE DEVELOPMENT**

New Courses Developed at Tech

- 2000 HTS6002, Proseminar in the History of Technology
- 2001 HTS6112 Studies in Science and Engineering
- 2003 HTS 4084 Undergraduate seminar, Science, Technology and the Cold War
- 2006 HTS8002A, Social and Cultural Perspectives on Technology and Science
- 2006 HTS6111A, Technology and Culture
- 2007 HTS2823H, The Conquest of Outer Space (for the Honors program)
- 2011 HTS8002, Fall 2011, Social and Cultural Perspectives on Science and Technology, a ‘smorgasbord’ course that brings together faculty from ECON, HTS, INTA, LCC, and PUBPOLICY in the Ivan Allen College. An STS Certificate is under construction.

*The following courses were developed for the Georgia Tech Summer Program in the U.K. and France*

HTS2823/2084, Technology and society

HTS4873/4875/3813/3080 The history of rocketry

HTS4876, Science, technology and the postwar reconstruction of Europe

#### **D. AWARDS FOR TEACHING**

- Class of 1934 Course Survey Teaching Effectiveness Award, Georgia Institute of Technology, January 2012.

#### **V. SCHOLARLY ACCOMPLISHMENTS**

*Written output includes material currently in press that was submitted and accepted before 10/01/2012*

##### **A. BOOKS**

1. N. Oreskes and J. Krige, eds, *Science and Technology in the Global Cold War* (MIT Press, in press).
2. R. Launius, J. Krige and J. Craig, eds, *The Space Shuttle Legacy. How we Did It and What we Learned* (AIAA Press, 2013).
3. J. Krige, A. Long Callahan and A. Maharaj, *NASA in the World. 50 Years of International Collaboration in Space* (Palgrave Macmillan, 2013).
4. J. Krige and H. Rausch, eds, *American Foundations and the Coproduction of World Order in the 20<sup>th</sup> Century* (Göttingen: Vandenhoeck and Ruprecht, 2012).
5. J. Krige, *American Hegemony and the Postwar Reconstruction of Science in Europe* (MIT Press, 2006)
6. J. Krige and K-H. Barth, eds, *Global Power Knowledge. Science and Technology in International Affairs, Osiris 21* (University of Chicago Press, 2006).
7. I. Löwy and J. Krige, eds, *Images of Disease. Science, Public Policy and Health in Postwar Europe* (Brussels: European Commission, 2001).
8. J. Krige and A. Russo, *A History of the European Space Agency. Vol I. The History of ESRO and ELDO from 1958 to 1973* (Noordwijk: ESA SP1235, 2000).
9. J. Krige, A. Russo and L. Sebesta, *A History of the European Space Agency. Vol II. The History of ESA from 1973 to 1987* (Noordwijk: ESA SP 1235, 2000).
10. J. Krige and D. Pestre, eds, *Science in the Twentieth Century* (Chur: Harwood

- Academic Publishers, 1997)
11. J. Krige and L. Guzzetti, *History of European Scientific and Technological Collaboration* (Brussels: European Commission, 1997).
  12. J. Krige and A. Russo, *Europe in Space, 1960-1973: From ESRO and ELDO to ESA* (Noordwijk: ESA-SP1172, 1994).
  13. J. Krige, ed, *History of CERN. Volume III. The Years of Consolidation 1966-1980* (Amsterdam: North Holland, 1996).
  14. A. Hermann, J. Krige, U. Mersits, and D. Pestre, *History of CERN. Volume II. Building and Running the Laboratory 1954-1965* (Amsterdam: North Holland, 1990).
  15. A. Hermann, J. Krige, U. Mersits, and D. Pestre, *History of CERN. Volume I. Launching the European Organisation for Nuclear Research* (Amsterdam: North Holland, 1987).
  16. J. Krige, ed, *Choosing Big Technologies* (Chur: Harwood Academic Publishers, GmbH, 1993). Originally published as a special edition of *History and Technology* (Summer 1992).
  17. J. Krige, *Science, Revolution and Discontinuity* (Brighton: Harvester Press, 1980). Reprinted by Gregg Revivals, Aldershot, 1994.

## **B. REFEREED PUBLICATIONS**

*Includes invited contributions that were critically reviewed, but that did not risk rejection.*

*Includes articles in books that I (co-) edited only when the book was published by an academic publisher.*

1/15/2014

1. J. Krige, "U.S. Technological Superiority and the Special Relationship. Contrasting British and American Policies for Controlling the Proliferation of Gas Centrifuge Enrichment," *International History Review* (February, 2014)
2. J. Krige, "A Victory for Clean Interfaces. European Participation in the Space Shuttle Program," in Roger Launius, John Krige, and Jim Craig, eds, *The Space Shuttle Legacy. How We Did It and What We Learned* (AIAA Press, 2013), chapter 11.
3. J. Krige, "Hybrid Knowledge. The Transnational Coproduction of the Gas Centrifuge for Uranium Enrichment in the 1960s," *British J. for the History of Science*, 45:3 (September 2012), 337-357.
4. J. Krige, "The Proliferation Risks of Gas Centrifuge Enrichment Technology at the Dawn of the NPT: Shedding Light on the Negotiating History," *The Nonproliferation Review*, 19:2 (2012), 219-227, followed by the exchange with Christopher Ford, *Nonproliferation Review*, 19:3 (2012), 352-355.
5. J. Krige and H. Rausch, "Introduction: Tracing the Knowledge-Power Nexus of American Philanthropy," in John Krige and Helke Rausch, eds, *American Foundations and the Coproduction of World Order in the 20<sup>th</sup> Century* (Göttingen: Vandenhoeck and Ruprecht, 2012), 7-34.
6. J. Krige, "The Ford Foundation, Physics and the National Security State. A Study in the Transnational Circulation of Knowledge," in John Krige and Helke Rausch, eds, *American Foundations and the Coproduction of World Order in the 20<sup>th</sup> Century* (Göttingen: Vandenhoeck and Ruprecht, 2012), 189-209.
7. J. Krige, "Diplomacy, Foreign Policy Post 1945," in Hugh Slotten, ed, *The Oxford Encyclopedia of American Scientific, Medical and Technological History* (New York, OUP, 2013 – 8000 words)
8. J. Krige, "L'État, la haute technologie et les Etats-Unis dans les années 50 et 60" in Patrick Fridenson and Pascal Griset, eds, *Entreprise de haute technologie, État et souveraineté depuis 1945* (Paris: IGPE), in press.
9. J. Krige, "Die Führungsrolle der USA und die transnationale Koproduktion von Wissen," in Bernd Greiner, Tim B. Müller and Claudia Weber, eds, *Macht und Geist im Kalten Krieg* (Hamburg: Hamburger Edition, 2011), 68-86. For an English version: J. Krige, "Maintaining America's Competitive Technological



1/15/2014

- Advantage: Cold War Leadership and the Transnational Coproduction of Knowledge,” *HumanaMente* **16** (2011), 33-52.
10. J. Krige, “American Foundations, European Physics and European Security During the Cold War,” in Dag Avango and Sverker Sörlin, eds, *Science and Foreign Policy. Contemporary and Cold War Contexts* (Stockholm: Swedish Institute for International Affairs, 2011).
  11. J. Krige, “Building the Arsenal of Knowledge,” *Centaurus*, **52:4** (2010), 280-296.
  12. J. Krige, “Technological Leadership and American Soft Power,” in Inderjeet Parmar and Michael Cox, eds, *Soft Power and US Foreign Policy. Theoretical, Historical and Contemporary Perspectives* (Abingdon: Routledge, 2010), 121-136.
  13. J. Krige, “Techno-Utopian Dreams, Techno-Political Realities. The Education of Desire for the Peaceful Atom,” in Michael D. Gordin, Helen Tilley and Gyan Prakash, eds, *Utopia/Dystopia. Conditions of Historical Possibility* (Princeton University Press, 2010), 151-175.
  14. John Krige, “Science, Technology and the Instrumentalization of Swiss Neutrality,” published in July 2009 on the Swiss Diplomatic Documents website, [www.dodis.ch/e/papers.asp](http://www.dodis.ch/e/papers.asp), *Wissenschaft und Aussenpolitik. Papers zur Tagung anlässlich des 50. Jubiläums der Schaffung des ersten Postens eines Schweizerischen Wissenschaftsattaché*
  15. J. Krige, “‘Carrying American Ideas to the Unconverted.’ MIT’s Failed Attempt to Export Operations Research to NATO,” in Grégoire Mallard, Catherine Paradeise and Ashveen Peerbaye, eds, *Global Science and National Sovereignty. Studies in Historical Sociology of Science* (New York: Routledge, 2008), 120-142.
  16. J. Krige, “The Peaceful Atom as Political Weapon: Euratom as an Instrument of U.S. Foreign Policy in the 1950s,” *Historical Studies in the Natural Sciences* **38:1** (2008), 5-44.
  17. J. Krige, “NASA as an Instrument of U.S. Foreign Policy,” in Steven J. Dick and Roger D. Launius, eds, *Societal Impact of Spaceflight* (Washington D.C.: NASASP-2007-4801, 2007), 207 – 218.
  18. J. Krige, “Critical Reflections on the Science-Technology Relationship,” *Transactions of the Newcomen Society*, **76** (2006), 259-269.

1/15/2014

19. J. Krige, "Technology, Foreign Policy and International Collaboration in Space," in Steven Dick and Roger Launius, eds, *Critical Issues in History of Spaceflight* (Washington DC: NASA-2006-4702, 2006), 239 – 260.
20. J. Krige "Atoms for Peace, Scientific Internationalism, and Scientific Intelligence," in John Krige and Kai-Henrik Barth, eds, *Global Knowledge Power. Science and Technology in International Affairs*, **Osiris 21** (University of Chicago Press, 2006), 161- 181.
21. J. Krige, "The Politics of Phosphorus-32. A Fable Based on Fact," *Historical Studies in the Physical and Biological Sciences*, **36:1** (2005), 71-91.
22. J. Krige, "Isidor I. Rabi and CERN," *Physics in Perspective* **7:2** (2005), 150 – 164.
23. J. Krige, "I.I. Rabi and the Birth of CERN," *Physics Today*, September 2004, 44-48.
24. J. Krige, "La science et la securité civile de l'Occident," in A. Dahan and D. Pestre (eds), *Les sciences pour la guerre 1940 - 1960* (Paris: Éditions de l'École des hautes etudes en sciences sociales, 2004), 373-401.
25. J. Krige, "In praise of specificity," Commentary on the session 'Science, Technology, Industry', in K. Grandin, N. Wormbs and S. Widmalm, eds, *The Science-Industry Nexus: History, Policy, Implications. Nobel Symposium 123, Stockholm, November 2002* (2004), 135-139.
26. J. Krige, "The Politics of European Scientific Collaboration", in J. Krige and D. Pestre, eds, *Companion to Science in the Twentieth Century* (New York: Routledge, 2003), 897-918.
27. J. Krige, "History of Technology After 9/11: Technology, American Power, and 'anti-Americanism'," *History and Technology*, **19:1** (2003), 32-39 .
28. J. Krige, "Felix Bloch and the Creation of a 'Scientific Spirit' at CERN," *Historical Studies in the Physical and Biological Sciences* **32:1** (2002), 57-69.
29. J. Krige, "The Birth of EMBO and the difficult Road to EMBL," *Studies in the History and Philosophy of Biological and Biomedical Sciences* **33:3** (2002), 547-564.
30. J. Krige, "The 1984 Nobel Prize in Physics for Heterogeneous Engineering," *Minerva* **39:4** (December 2001), 425-443.
31. J. Krige, "Distrust and Discovery. The Case of the Heavy Bosons at CERN," *Isis*

- 92:3** (September 2001), 517-540.
32. J. Krige, "Philanthropy and the National Security State: the Ford Foundation's Support for Physics in Europe in the 1950s," in G. Gemelli, ed, *American Foundations and Large-Scale Research: Construction and Transfer of Knowledge Systems* (Bologna: CLUEB, 2001), 3-24.
  33. J. Krige, "Building a Third Space Power. Western European Reactions to Sputnik at the Dawn of the Space Age," in R. Launius, J.M. Logsdon and R.W. Smith, eds, *Reconsidering Sputnik. Forty Years Since the Soviet Satellite* (Harwood Academic Press, 2000), 289-307.
  34. J. Krige, "NATO and the Strengthening of Western Science in the Post-Sputnik Era," *Minerva* **38** (2000), 81 – 108.
  35. J. Krige, "Crossing the Interface from Research and Development to Operational Use. The Case of the European Meteorological Satellite," *Technology and Culture*, **41** (2000), 27-50.
  36. J. Krige, "The Ford Foundation, European Physics and the Cold War," *Historical Studies in the Physical and Biological Sciences*, **29:2** (1999), 333 - 361.
  37. J. Krige, "The Commercial Challenge to Arianespace. The TCI Affair," *Space Policy*, **15** (1999), 87 - 94.
  38. J. Krige (with Catherine Westfall), "The Path of Post-War Physics," in G. Fraser, ed, *The Particle Century* (Bristol: IOP Publishing, 1998), 1-11.
  39. J. Krige, "Comments on the Session 'Accelerators, Detectors and Laboratories'," in L Hoddeson, L. Brown, M. Riordan and M. Dresden, eds, *The Rise of the Standard Model. Particle Physics in the 1960s and 1970s* (Cambridge, 1997), 394 - 399.
  40. J. Krige, "What is 'Military' Technology? Two cases of US-European Scientific and Technological Collaboration in the 1950s," in F. Heller and J. Gillingham, eds, *The United States and the Integration of Europe. Legacies of the Postwar Era* (New York: St. Martins Press, 1996), 307-338.
  41. J. Krige (with L. Sebesta), "US-European Cooperation in Space in the Decade After Sputnik," in G. Gemelli, ed, *Big Culture. Intellectual Collaboration in Large Scale Cultural and Technical Systems. An Historical Approach* (Bologna: CLUEB, 1994), pp. 263-285.

42. J. Krige, "The Contribution of Bubble Chambers to European Scientific Collaboration," in G.G. Harigel, D.C. Colley and D.C. Cundy (eds), *Bubbles 40*, Proceedings of the Conference on the Bubble Chamber and its Contributions to Particle Physics, Geneva, 14-16 July 1993, *Nuclear Physics B (Proc. Suppl.)* **36**, (July 1994), 419-26
43. J. Krige, "The Rise and Fall of ESRO's First Major Scientific Project, The Large Astronomical Satellite (LAS)", in J. Krige, ed, *Choosing Big Technologies* (Chur: Harwood Academic Publishers, 1993), 1-26.
44. J. Krige (with M. De Maria), "Early European Attempts in Launcher Technology," in J. Krige, ed, *Choosing Big Technologies* (Chur: Harwood Academic Publishers, 1993), 109-37.
45. J. Krige, "Some Sociohistorical Aspects of Multinational Collaborations in High-Energy Physics at CERN between 1975 and 1985," in E. Crawford, T. Shinn and S. Sörlin, eds, *Denationalizing Science: The Contexts of International Scientific Practice. The Yearbook of the Sociology of the Sciences 16 (1992)* (Dordrecht: Kluwer Academic Publishers, 1993), 233-262.
46. J. Krige, "The Impact of Big Science on University Teaching and Research," *Alma Mater Studiorum*, No. 1, 1993, 217-231.
47. J. Krige, "Institutional Problems Surrounding the Acquisition of Detectors in High-Energy Physics at CERN in the Early 1970s," in R. Bud and S. Cozzens, eds, *Invisible Connections: Instruments, Institutions and Science* (Bellingham: SPIE Press, 1992), 168-79.
48. J. Krige (with D. Pestre), "Some Thoughts on the History of CERN in the 50s and 60s," in P. Galison and B. Hevly, eds, *Big Science: The Growth of Large Scale Research* (Stanford: Stanford University Press, 1992) 78-99.
49. J. Krige, "Changing National Policies on Acceptable Levels of the CERN Budget. An Historical Case Study of Two Turning Points." in E. K. Hicks and W. van Rossum, eds, *Policy Development and Big Science* (Amsterdam: North Holland, 1991) 8-14.
50. J. Krige, "Finance Policy and High Politics in a European Scientific Laboratory The Conflicts over Financing CERN in the Late 50s and Early 60s," in D. Hague, ed, *The Management of Science* (London: MacMillans, 1991), 98-111.
51. J. Krige, "The International Organization of Scientific Work," in S.E. Cozzens, P.

- Healey, A. Rip, and J. Ziman, eds, *The Research System in Transition*, NATO Advanced Studies Institute Series D: Behavioural and Social Sciences. Vol. 57 (Dordrecht: Kluwer Academic Publishers, 1990), 179-197.
52. J. Krige, "Some Methodological Problems in Writing the History of CERN," in J. Roche, ed, *Physicists Look Back. Studies in the History of Physics* (Bristol: Adam Hilger, 1990), 66-77.
53. J. Krige, "Scientists as Policymakers. British Physicists' 'Advice' to their Government on membership of CERN (1951/52)," in T. Frängsmyr, ed, *Solomon's House Revisited. The Organization and Institutionalization of Science. Nobel Symposium 75* (Canton MA, Science History Publications, 1990), 270- 291.
54. J. Krige, "Why did Britain Join CERN?," in D. Gooding, S. Schaffer and T. Pinch, eds, *The Uses of Experiment. Studies of Experimentation in the Natural Sciences* (Cambridge University Press, 1989), 385-406.
55. J. Krige, "The CERN Beam Transport Programme in the Early 1960s," in F.A.J.L. James, ed, *The Development of the Laboratory* (London: MacMillans, 1989), 218-232.
56. J. Krige, "The Installation of High-Energy Accelerators in Britain After the War. Big Equipment but not Big Science," in M. De Maria, M. Grilli and F. Sebastiani, eds, *The Restructuring of Physical Sciences in Europe and the United States, 1945-1960* (Singapore: World Scientific, 1989), 488-50
57. J. Krige (with D. Pestre), "La naissance du CERN. Le comment et le pourquoi," *Relations internationales*, No 46, été 1986, 209-226
58. J. Krige (with D. Pestre), "The Choice of CERN's First Large Bubble Chambers for the Proton Synchrotron (1957-1958)," *Historical Studies in the Physical Sciences*, **16** (1986), 255-279.
59. J. Krige (with D. Pestre), "A Critique of Irvine and Martin's Methodology for Evaluating Big Science," *Social Studies of Science*, **15** (1985), 525-39.
60. J. Krige, "A Critique of Popper's Conception of the Relationship Between Logic, Psychology, and a Critical Epistemology," *Inquiry*, **21** (1978), 313-335.
61. J. Krige, "Popper's Epistemology and the Autonomy of Science," *Social Studies of Science*, **8** (1978), 287-307.

**C. NON-REFEREED PUBLICATIONS, SHORT ARTICLES AND  
ENCYCLOPEDIA ENTRIES**

1. J. Krige, "European Molecular Biology Organisation/Laboratory (EMBO/EMBL)." In: eLS 2013, John Wiley & Sons Ltd: Chichester  
<http://www.els.net/> [DOI: 10.1002/9780470015902.a0024935]
2. J. Krige, Topics: Bipolaire, Cooperation, Lanceurs, in D.Pestre and G. Azoulay, eds, *C'est l'espace!* (Paris: Gallimard, 2011), 62-64, 88-90, 188-190 respectively.
3. J. Krige. Topics: European Space Agency, European Space Research Organization, European Launcher Development Organization, Ariane, Diamant, Europa, in Stephen B. Johnson et al, *Space Exploration and Humanity. A Historical Encyclopedia*, 2 vols, (Santa Barbara: ABC-CLIO, 2010).
4. J. Krige, "'Americanization': International Responses," *Enciclopedia Italiana.Vol. VIII. Storia della scienza Sez. Fisica'* (Rome, 2005).
5. J. Krige, "The History of the European Space Agency Projects -- Past Achievements, Future Prospects," (Noordwijk: ESA SP-609, 2005), 3-6.
6. J. Krige, 'Particle Accelerators: Synchrotrons, Cyclotrons and Colliders,' in Colin A. Hempstead and William E. Worthington, eds. *Encyclopedia of 20th- Century Technology*, 2 vols., (New York: Routledge, 2004).
7. J. Krige, "CERN: l'atome piégé par le "plan Marshall"" , *La Recherche*, octobre 2004, No. 379, 64-68. Reprinted in *Les Dossiers de La Recherche*, N° 23, mai/juillet, 2006, as "Les particules élémentaires", 11-17.
8. J. Krige, "Physical Sciences: History and Sociology", in N. J. Smelser and Paul B. Bates, eds, *International Encyclopedia of the Social & Behavioral Sciences* (Pergamon, Oxford, 2001, Online: November 2002), 11418 – 11422.
9. J. Krige, "La guerre des étoiles", *Le Monde de l'Education, de la Culture et de laFormation*, N° 272, juillet - août 1999, 44 - 45.
10. J. Krige "The History of European Launchers. An Overview", in *Proceedings of an International Symposium on the History of the European Space Agency Science Museum, London, 11-13 November 1998* (Noordwijk: ESA SP-436, June 1999), 69 - 78.
11. J. Krige (with A. Russo and L. Sebesta), "A Short History of ESA", in J. Krige and L. Guzzetti, eds, *History of European Scientific and Technological Collaboration* (Brussels: EEC,1997), 195-220.

1/15/2014

12. J. Krige, "La Course à la Bombe", in *Les Actes du Colloque de la Villette du 7 juin 1996, Le Savant et le Politique Aujourd'hui* (Paris: Albin Michel, 1996), 27-32.
13. J. Krige, "Le phénomène Feyerabend", *Alliage*, No 28 (automne 1996), 8-11.
14. J. Krige, "Megaprojects, Megateams and Motivation", *Physics World*, **7**, No. 5, May 1994, 17-18.
15. J. Krige, "Politicians, Experts and Industrialists in the Launch of ELDO: Some Pitfalls and How to Avoid Them", in J. Krige and A.Russo, eds, *Reflections on Europe in Space*, (Noordwijk: ESA HSR-11, January 1994), 13-25.
16. J. Krige, "The European Space System", in J. Krige and A.Russo, eds, *Reflections on Europe in Space*, (Noordwijk: ESA HSR-11, January 1994), 1-11.
17. J. Krige, "The Public Image of CERN", in J. Durant and J. Gregory, eds, *Science and Culture in Europe* (London: Science Museum, 1993), 153-7. A French translation of the text, "L'image publique du CERN", was published in *Alliage*, No. 16-17, (été-automne 1993), 290-297.
18. J. Krige, "How Space Scientists and Governments Saw ESRO in the Early 1960s", in A. Russo, ed, *Science Beyond the Atmosphere: The History of Space Research in Europe* (Noordwijk: ESA HSR-Special, July 1993), 29-40.
19. J. Krige, "Britain and European Space Policy in the Late 1960s and Early 1970s," *Science and Technology Policy*, **5:2** (1992), 13-18.
20. J. Krige (with D.Pestre), "Deux Prix Nobel Trente Ans Après", *Les Cahiers de Science & Vie (Hors serie)*, No 12 (décembre 1992), 36-58.
21. J. Krige, "Le Pouvoir du CERN", *Les Cahiers de Science & Vie (Hors serie)*, No 12 (décembre 1992), 76-80.
22. J. Krige, "Britain and European Space Policy in the Late 1960s and Early 1970s", *Science and Technology Policy*, **5:2** (1992), 13-18.
23. J. Krige (with D.Pestre), "Deux Prix Nobel Trente Ans Après", *Les Cahiers de Science & Vie (Hors serie)*, No 12 (décembre 1992), 36-58.

#### **D. PRESENTATIONS**

*Presentations made at various meetings of the History of Science Society (HSS) and of the Society for the History of Technology (SHOT) during the 1990s, prior to my arrival at the Georgia Institute of Technology, have not been included.*

1/15/2014

1. J. Krige, "Controlling the Flow of Sensitive Knowledge in an Interconnected World. The view from American Research Universities," Keynote address, Annual meeting, Deutsche Gesellschaft für Geschichte der Medizin, Naturwissenschaft und Technik (DGGMNT), Jena, Germany, September 27-29, 2013.
2. J. Krige, "Embedding the national in the global: US- France relationships in space science and technology in the 1960s," paper presented at graduate seminar « Histoire des Sciences, Histoire de l'Innovation : circulations, communications et civilisations matérielles en Europe (XVIIIe-XXIe siècles)». co-organized by the universities Paris-Sorbonne and Panthéon-Sorbonne, October 1, 2013.
3. J. Krige, "Embedding the national in the global — US-French relationships in space science and technology in the 1960s," Invited paper at the Monday seminar, Munich Institute for Science and Technology, Deutsches Museum, Munich, Germany, July 15, 2013.
4. J. Krige (with Angela Creager, Princeton University), "A New Look at Radio-isotopes: From Building Alliances to Penetrating Markets," paper presented in the double session *Transnational Science During the Cold War*, ISHPSSB 2013, Montpellier, France, July 7-12, 2013.
5. J. Krige, "Towards a Transnational History of American Science in the Cold War," invited keynote address at the workshop *Dark Matters: Contents and Discontents of Cold War Science*, Universitat Pompeu Fabra, Barcelona, Spain, May 31 – June 2, 2013.
6. J. Krige, "Regulating the Transnational Flow of Knowledge in the Global Cold War," invited paper at the workshop *Globalizing Histories of Science, Technology, and Medicine: Conceptual and Methodological Problems*, May 19-21, 2013, NYU Abu Dhabi Institute, Abu Dhabi.
7. J. Krige, discussion of *American Hegemony and the Postwar Reconstruction of Science in Europe*, for the Séminaire d'Histoire des Sciences, Paris-1 Panthéon-Sorbonne, *Pour une histoire politique des sciences: Enjeux, methodes, questions*, May 16, 2013.
8. J. Krige, "On Embedding the National in the Transnational Analysis of Knowledge Flows," contribution to a Round Table Discussion entitled *Thinking Through Spatial Units of Analysis in the Global Cold War*, organized by Hugh Slotten (Otago), Annual Meeting of the Society for the History of Technology, Copenhagen, Denmark, October 4-7, 2012.



1/15/2014

9. J. Krige, "Euratom and the IAEA: The Problem of Self-Inspection", Invited paper presented at the International Conference: *United Atoms in a Divided World. The Early History of the International Atomic Energy Agency*, Vienna, Austria, September 16-19, 2012.
10. J. Krige, "The International Space Station That Wasn't," paper presented at the Workshop Co-organized with Jim Craig (GATech) and Roger Launius (NASM), *The Space Shuttle: What We Did. What We Learnt*, School of Aerospace Engineering, Georgia Tech, Atlanta, September 6, 2012.
11. J. Krige, "International Scientific and Technological Collaboration as National Strategy in the Cold War," invited paper presented at the workshop 'Internationalizing Science: New Perspectives on the History of Cold War Culture', Freie Universität, Berlin, 15-16 June, 2012.
12. J. Krige, "Blowback, Liftoff. The Rise of Ariane and the Decline of the US's Monopoly on Access to Space in the 1970s," invited paper at the workshop *Envisioning Limits: Outer Space and the End of Utopia*, Freie Universität, Berlin, Germany, April 19-21, 2012.
13. J. Krige, "Starwars: How ITAR is Undermining International Collaboration in Space Science," paper presented at 8<sup>th</sup> Laboratory History Conference, Georgia Tech, Atlanta, March 30-31, 2011.
14. J. Krige, "Controlling Sensitive Knowledge Flows in an Interconnected World," HTS Faculty Brown Bag Presentation, March 26, 2011.
15. J. Krige, "The Co-Construction of Transnational Networks in Space Science – NASA-W.Europe Collaboration in the Early 1960s," invited paper at the workshop *The American Challenge. The Impact of US Scientific, Technological and Industrial Organization in Post-war Europe*, Universitat Pompeu Fabra, Department of Humanities, Barcelona, Spain, December 2011.
16. J. Krige, "Circulation, Standardization, 'Americanization'", invited paper presented at the workshop *Science During the Cold War. The Co-Construction of Knowledge Hegemonies*, UNAM, Mexico City, October, 2011.
17. J. Krige, "U.S. Technological Leadership and Political Leverage in Cold war Europe," invited contribution to Panel 57, Technology and US Foreign Relations, SHAFR Annual Meeting, (Society for Historians of American Foreign Relations), Alexandria, VA, 2011.
18. J. Krige, "Elements for a Transnational History of Cold War Science," keynote address presented at the international conference, *Cold War Science, Colonial*

1/15/2014

- Politics and National Identity in the Arctic*, Aarhus University, Denmark, December, 2010.
19. John Krige, "U.S. Foundations and the Transnational Circulation of Knowledge in the Global Cold War," keynote address, International Conference, *U.S. Foundations and the Power Policies of Knowledge Circulation in the Global Arena (20thC)*, School of History, Freiburg Institute for Advanced Studies, Freiburg, Germany, July, 2010.
  20. J. Krige, "Science in the Global Cold War," invited paper, *How the Cold War Transformed Science*, Bacon Conference, School of Humanities and Social Sciences, California Institute of Technology, Pasadena, May, 2010.
  21. J. Krige, commentator on David Burigana, "Aircraft Cooperation in Europe Since the 1950s," Richie-EUI-Padova Workshop, European University Institute, Florence, Italy, June, 2010.
  22. J. Krige, "Proliferation and World Order: The U.S. and Euratom, 1955-60," invited paper, international conference, *Uncovering the Sources of Nuclear Behavior: Historical Dimensions of Nuclear Proliferation*, The Center for Security Studies, Swiss Federal Institute of Technology, in Association with the Parallel History Project on Cooperative Security, Zurich, Switzerland, June, 2010.
  23. J. Krige, "Co-producing Knowledge for Leadership. Towards a Transnational History of American Science and Technology in the Cold War," invited paper, *7<sup>th</sup> International Conference in the Series 'Between 'Total War' and 'Small Wars': Studies in the Societal History of the Cold War*, Hamburg Institute for Social Research, Hamburg, Germany, August, 2010.
  24. John Krige, "The Limits of Oral History," Comment on the Session "Talking With Scientists. Using Oral History to Document the History of Science," 44<sup>th</sup> Annual meeting of the Oral History Association, Atlanta, GA, October, 2010.
  25. J. Krige, "Physics in the Global Cold War. A Transnational Approach," Paper presented at the Bi-annual Meeting of the European Society for the History of Science, Barcelona, Spain, November, 2010.
  26. J. Krige, "On the Circulation of Knowledge in a Lumpy World," invited paper presented at the Instituto di Ciencias Sociais da Universidade de Lisboa, Portugal, November, 2010.

1/15/2014

27. J. Krige, "L'Etat, la haute technologies, et les États-Unis dans les années 50 et 60," invited paper for the conference *Entreprise de haute technologie, État et souveraineté depuis 1945*, Ministry of the Economy, Industry and Employment, Paris, France, February, 2010.
28. J. Krige, "Transnational Flows of Nuclear Knowledge Between the U.S. and Europe in the 1950s and 1960s," invited paper for the International Workshop, *A Comparative Study of European Nuclear Energy Programs from the 1940s-1970s*, University Pompeu Fabra, Barcelona, Spain, December, 2009.
29. J. Krige, "Replies to my Critics," in a session devoted to a discussion of my *American Hegemony and the Postwar Reconstruction of Science in Europe*, with 5 panelists at the Annual Meeting, History of Science Society, Phoenix (AZ), November, 2009
30. J. Krige, "Dominance by Diversion. Technology as an Instrument of U.S. Foreign Policy in Europe," invited seminar paper, Group MISHA, University of Strasbourg, France, October 2009.
31. J. Krige, "Science, Technology, and U.S. Foreign Policy," invited paper, UCLA History of Science, Medicine and Technology Colloquium, April, 2009.
32. J. Krige, "Science and Technology as Instruments of U.S. Foreign Policy in Europe," Brown Bag Seminar, Division of the Humanities, Caltech, March 2009.
33. J. Krige, "Technology Transfer in the Post-Apollo Program 1971/72," invited paper for the CAIN Conference, Chemical Heritage Foundation, March 2009.
34. J. Krige, Comment on session, *Comparing images of atomic power and atomic warfare in European and American popular media, 1945-1963*, Annual Meeting of the AHA, New York, January, 2009.
35. J. Krige, "Science, Technology and the Instrumentalization of Swiss Neutrality," at the conference *Science and Foreign Policy. The Swiss Scientific Attaches in Washington and the World, 1958 – 2008*, under the patronage of the Swiss State Secretariat for Education and Research, Bern, Switzerland, December, 2008.
36. J. Krige, "Technological Leadership and American Hegemony," invited speaker, STS Colloquium, Massachusetts Institute of Technology, Boston, November, 2008.
37. J. Krige, Rapporteur, Session IV. "Transatlantic Mobility of Researchers and Innovation," at the EU/US Research and Education Workshop,

1/15/2014

- Internationalization of Research and Graduate Studies and its Implications in the Transatlantic Context*, an Official Event of the French Presidency of the European Union, Georgia Tech, Atlanta, November, 2008.
38. J. Krige, "US Technological Leadership and the Shaping of Postwar Europe," paper contributed to the workshop, *Sociotechnical Imaginaries: Cross-National Perspectives*, organized by Prof. Shelia Jasanoff, Kennedy School of Government, Harvard University, Boston, November, 2008.
  39. J. Krige, "NASA's International Relations in Space," at the conference *NASA's First 50 Years. A Historical Perspective*, NASA Headquarters, Washington D.C. October, 2008.
  40. J. Krige, "To be Behind is not to be Backward," Commentary at the Session on *Science and Technology in Post-Colonial India*, SHOT Annual Meeting, Lisbon, Portugal, October, 2008.
  41. J. Krige, "Technological Leadership and American Hegemony," keynote address at the conference *ESF Eurocores Programme: Inventing Europe. A Transnational History of European Integration*, European University Institute, Florence, Italy, July 3-6, 2008.
  42. J. Krige, "Shaping Postwar Europe. Science, Technology and American Soft Power," 13<sup>th</sup> Annual Hans Rausing Lecture, Department of History and Philosophy of Science, University of Cambridge, Cambridge, UK, May 2008.
  43. J. Krige "Science, Technology and American Hegemony", 7<sup>th</sup> Cardwell Memorial Lecture, Centre for the History of Science, Technology and Medicine, University of Manchester, Manchester, UK, May 2008.
  44. J. Krige, Commentary at the Session, "Technology and the Cold War," annual meeting of the Society for the History of Technology, Washington D.C., October 2007.
  45. J. Krige, "Building National Capability through Regional and International Collaboration," *NASA, Remembering the Space Age: 50<sup>th</sup> Anniversary Conference*, Washington D.C., October 2007.
  46. J. Krige, "The Peaceful Atom as Political Weapon: Euratom as an Instrument of U.S. Foreign Policy in the Cold War," Colloquia, Program in the History of Science and Medicine, Yale University, New Haven, October 2007.

1/15/2014

47. J. Krige, "Technology and National Identity," invited keynote address, workshop on *Science, Technology and National Identity*, University of South Carolina, Columbus, September 2007.
48. J. Krige, "Technology as an Instrument of US Foreign Policy in the Cold War", invited speaker, International Seminar, Eindhoven University, The Netherlands, June 2007.
49. J. Krige, "Comment penser les relations Etats-Unis – Europe de l'après-guerre", Institut de recherches interdisciplinaires sur les sciences et la technologie (IRIST), EA-3424 Gersulp, Université Louis Pasteur, Strasbourg, May 2007.
50. J. Krige, "Invisible Hands, Invaluable Assets," invited speaker, plenary session, Annual conference of the Deutsche Physikalische Gesellschaft, University of Regensburg, Germany, March 2007.
51. J. Krige, Keynote speaker, "Concepts and Frameworks," *Technological Innovation and the Cold War*, Center for History of Business, Technology and Society, Hagley Museum and Library, Wilmington, Delaware, March 2007.
52. J. Krige, "NASA as an Instrument of U.S. Foreign Policy", invited paper presented at the NASA conference *The Societal Impact of Spaceflight*, Washington D.C., October 2006.
53. J. Krige, "Atoms for Peace and the Visual Rhetoric of Modernity," invited paper presented at the Shelby Cullom Davis Center Seminar series, Princeton University, October 2006.
54. J. Krige, "Science, Commerce and Foreign Policy," invited paper presented at the John J. Reilly Center for Science, Technology and Values, University of Notre Dame, September 2006.
55. J. Krige, "Why did Britain not Withdraw from ELDO in 1966?" invited paper presented at the annual meeting of the British Rocketry Oral History Project, Charterhouse, England, April, 2006.
56. J. Krige, "Technology as an Instrument of US Foreign Policy in Europe in the Cold War", paper presented at the STS lecture series, University of South Carolina, April, 2006.
57. J. Krige, "Synthetic Overview and Future Directions", Invited speaker, closing session, international workshop, *Bodies, Networks, Geographies: Colonialism*,

1/15/2014

- Development and Cold War Techno-politics*, organized by Prof. G. Hecht, Department of History, University of Michigan, Ann Arbor, October, 2005.
58. J. Krige, "Technology, Hegemony and US-European Space Collaboration", Work in Progress Seminar, National Air and Space Museum, Smithsonian Institution, Washington DC, June 2005.
59. J. Krige, "Technology, Hegemony and US-European Space Collaboration", paper presented at CHSTM seminar, Imperial College, London, May 2005.
60. J. Krige, "Critical Reflections on the Science-Technology Relationship", Henry W. Dickinson Memorial Medal Address, Science Museum, London, May 2005.
61. J. Krige, "Technology, Foreign Policy and US-European Collaboration in Rocketry in the 1960s", University of Virginia, Charlottesville, April 2005.
62. J. Krige, "James Watson and Rosalind Franklin: Priority and Popsies, Nobel Prizes and Trophy Wives", Contribution to the panel *Scientific Ethics, Proper Credit and Gender: the Case of Rosalind Franklin and DNA*, Emory University, February 2005.
63. J. Krige, "American Hegemony and the Postwar Reconstruction of Science in Europe: The Case of Biomedicine", Keynote address, International Conference, *The Era of Biomedicine: Science, Technology and Health in France and Great Britain, 1945 – 1975*, Maison Française, Oxford (UK), February 2005.
64. J. Krige, Commentary on Session "Across the Pacific: American-East Asian Scientific Interactions During the Cold War", Annual Meeting of the History of Science Society, Austin, Texas, November 2004.
65. J. Krige, "American Hegemony and the Promotion of Basic Science in Europe in the Early Cold War", paper presented at Princeton Workshop in the History of Science, 2004-2005, *Atomic Sciences*, Princeton University, November 2004.
66. J. Krige, "Atoms for Peace and Scientific Internationalism", Historical Seminar on Contemporary Science and Technology, National Air and Space Museum, Washington D.C., October 2004.
67. J. Krige, "The Linear Model, the Marshall Plan, and the 'Rehabilitation' of German Science", paper presented at the Conference *Science and Technology in the 20<sup>th</sup> Century: Cultures of Innovation in Germany and the United States*, German Historical Institute, Washington, D.C., October 2004.

1/15/2014

68. J. Krige, Commentary on Session 8, “Knowledge Production and Transnational Contexts”, Annual Meeting, Society for the History of Technology, Amsterdam, October 2004.
69. J. Krige, “Amaldi, Rabi and the Birth of CERN”, paper presented at the Conference *1954-2004. 50 anni di Fisica al CERN. Edoardo Amaldi: il suo ruolo nella nascita e nello sviluppo del CERN e dell’INFN*, Accademia dei Lincei. Rome, Italy, September 2004.
70. J. Krige, “The State and Technology in 20th Century Europe”, position paper, plenary meeting, Tensions of Europe Project, Budapest, Hungary, March 2004.
71. J. Krige, “A Marshall Plan for European Science: The US Role in Establishing a Physics Laboratory in Geneva”, Science and Society Seminar, Emory University, Atlanta, February 2004.
72. J. Krige, “American Hegemony and European Physics in the Early Cold War”, History and Philosophy of Science Seminar, University of Minnesota Program in the History of Science, Minneapolis, February 2004.
73. J. Krige, “Historical Introduction”, invited paper given at the Journée d’étude du Comité national de Logique, d’Histoire, et de Philosophie des Sciences, Palais des Académies, Bruxelles, Belgique, December 2003, entitled ‘Un demi-siècle d’aéronautique et de spatial en Belgique.’
74. J. Krige, “A ‘Marshall Plan’ for European Science: Promoting a Nuclear Physics Laboratory in Geneva”, talk presented at the Seminar series, ‘History of Science, Medicine and Environment’, sponsored by the UGA Center for Humanities and Arts, University of Georgia, Athens, November 2003.
75. J. Krige, “The Rockefeller Foundation and the Reorientation of French Science in the 1940s”, paper presented at the International Conference *Foundations of Globalization*, University of Manchester, Manchester (UK), November 2003.
76. J. Krige, Commentator (and Chair), on session “Selling ‘Manned’ Spaceflight: Conflicts in Space”, SHOT, Atlanta, October 2003.
77. J. Krige, “European Reactions to the Shuttle *Columbia* Accident”, Contribution to Plenary Session, SHOT, Atlanta, October 2003.
78. J. Krige, “Physics and Civil Security in the Cold War”, paper presented at Johns Hopkins University, History of Science program, Baltimore, October 2003.

1/15/2014

79. J. Krige, "Science, Technology and Civil Security", paper presented to the graduate seminar, Center for the History of Science, Technology and Medicine, Imperial College, London, May 2003.
80. J. Krige, "Technology, American Power and 'anti-Americanism' in the European Space Program", paper presented at the theme meeting 'Engineering Europe', Tensions of Europe Project, Deutsches Museum, Munich, March 2003.
81. J. Krige, "The Rockefeller Foundation's Support for French Science in the Early Cold War", paper presented at Northwestern University, November 2002.
82. J. Krige, "The Three Faces of Science", paper presented at HSS Annual Meeting, Milwaukee, November 2002.
83. J. Krige, "Commentary on the session 'Space policy and politics', presented at SHOT Annual Meeting, Toronto October 2002.
84. J. Krige, "Technology, American Power and anti-Americanism in Western Europe", talk presented at the Round table organized by the Ivan Allen College and the Sam Nunn School of International Affairs on the topic *Reconsidering September 11*, Georgia Institute of Technology, September 2002.
85. J. Krige, "Anti-Americanism after September 11<sup>th</sup>", Paper presented at NSF Funded SGER Workshop, *Rethinking Technology after September 11*, Massachusetts Institute of Technology, March 2002.
86. J. Krige, "Philanthropy and the National Security State; The Ford Foundation's Support for European Physics in the 1950s", HSS Meeting, Denver, November 2001.
87. J. Krige, "The Failed Attempt to Establish an MIT for Europe in the 1960s", SHOT Meeting, San Jose, October 2001.
88. J. Krige, "US Scientific Leadership and Scientific Manpower in the 1950s Cold War", University of California, Berkeley, October 2001.
89. J. Krige, "The CERN and ESA Archives: the Point of View of an Historian/User", 27<sup>th</sup> Meeting of the ICA/SIO (International Council on Archives/Section International Organizations), United Nations, New York, June 2001.
90. J. Krige, "Felix Bloch and CERN", Second Conference on Laboratories, Jefferson Laboratory, Newport News (VA), May 2001.



1/15/2014

91. J. Krige, "Finding a Way Through the Labyrinth: The Birth of Ariane, the European Heavy Launcher", Ivan Allen College Lecture, Georgia Institute of Technology, May 2001.
92. J. Krige, "Marie Curie: Science, Industry and Politics", Center for the Study of Women, Science and Technology, Georgia Institute of Technology, February 2001
93. J. Krige, "The Origins and Early Activities of the NATO Science Committee", Historical Seminar on Contemporary Science and Technology, 2000-2001, Smithsonian Institution, National Air and Space Museum, Washington DC, November 2000.
94. J. Krige, "Western European Reactions to Sputnik at the Dawn of the Space Age", Atlanta Seminar in the Comparative History of Labor, Industry, Technology and Society, Emory University, September 2000.

## **E. OTHER SCHOLARLY ACCOMPLISHMENTS**

### **Book Reviews of**

- J. L. Heilbron and R.W. Seidel, Lawrence and His Laboratory: A History of the Lawrence Berkeley Laboratory. Vol. I (University of California Press, 1989), for *Technology and Culture* and for *Rivista della Storia della Scienza*.
- R.G. Hewlett and J.M. Holl, Atoms for Peace and War, 1953-1961: Eisenhower and the Atomic Energy Commission (University of California Press, 1989), for *British Journal for the History of Science*.
- F. Aaserud, Redirecting Science: Niels Bohr, Philanthropy and the Rise of Nuclear Physics (Cambridge University Press, 1990), for *British Journal for the History of Science*.
- P. Mack, Viewing the Earth. The Social Construction of the Landsat Satellite System (MIT Press, 1990), for *Science and Public Policy*.
- R. Bonnet and V. Manno, International Cooperation in Space. The Case of the European Space Agency (Harvard University Press, 1994) for *Science*.
- J. Ziman, Prometheus Bound (Cambridge University Press, 1994), for *Research Policy*.

1/15/2014

- S. Doughty Fries, NASA Engineers and the Age of Apollo (Washington DC: NASA History Series), for *Archives Internationales d'Histoire des Sciences*.
- H. McCurdy, Inside NASA. High Technology and Organizational Change in the U.S. Space Program (Baltimore: Johns Hopkins, 1993), for *Minerva*.
- M. Neufeld, The Rocket and the Reich. Peenemünde and the Coming of the Ballistic Missile Era (New York: The Free Press, 1995) for *History and Technology*.
- Stacia Zabusky, Launching Europe. An Ethnography of European Cooperation in Space Science (Princeton University Press, 1995) for *Isis*.
- P. Forman and J. M. Sánchez Ron (eds), National Military Establishments and the Advancement of Science and Technology (Dordrecht: Kluwer Academic Publishers, 1996) for *Archives Internationales d'Histoire des Sciences*.
- Louis L. Bucciarelli, *Designing Engineers* (The MIT Press, 1996), for *History and Technology*.
- Peter Galison, Image and Logic. A Material Culture of Microphysics (Chicago: University of Chicago Press, 1997) for *Physics World*.
- Kevin Madders, A New Force at a New Frontier. Europe's Development in the Space Field (Cambridge University Press, 1997) for *Isis*.
- Alan Sokal and Jean Bricmont, Intellectual Impostures. Postmodern Philosophers' Abuse of Science (London, Profile Books, 1998) and Baudouin Jurdant (ed), Impostures Scientifiques. Les malentendus de l'affaire Sokal (Paris, La Decouvert/Alliage, 1998) for *Physics World*.
- Mark Monmonier, Air Apparent. How Meteorologists Learned to Map, Predict, and Dramatize Weather (University of Chicago Press, 1999), for *Technology and Culture*.
- David Leverington, New Cosmic Horizons: Space Astronomy from the V2 to the Hubble Space Telescope (Cambridge/New York: Cambridge University Press, 2001) for *Isis*.
- Clark Miller and Paul Edwards (eds), Changing the Atmosphere. Expert Knowledge and Environmental Governance (MIT Press, 2001) for *Technology and Culture*.
- Nelly Oudshoorn and Trevor Pinch (eds), How Users Matter: The Co-Construction of Users and Technology (MIT Press, 2004), for *Contemporary Sociology*.
- Klaus Hentschel, *The Mental Aftermath: The Mentality of German Physicists 1945-1949* (Oxford: 2006), for *Nuncius*.

1/15/2014

- Barbara Rose Johnston (ed.) *Half-Lives and Half Truths. Confronting the Radioactive Legacies of the Cold War* (Santa Fe, NM: School for Advanced Research Press, 2007), for *Isis*.
- Michael D. Gordin, *Five Days in August. How World War II Became a Nuclear War* (Princeton University Press, 2007), for *Science*.
- Helmuth Trischler and Mark Walker, (eds). Physics and Politics: Research and Research Support in Twentieth Century Germany in International Perspective (Stuttgart: Franz Steiner Verlag, 2010), for *Isis*.
- Erez Manela, “A Pox on Your Narrative: Writing Disease Control into Cold War History,” Diplomatic History, 34:2 (2010), for *H-DIPLO Listserve*, 15 September, 2010.
- Sharon K. Weiner, Our Own Worst Enemy? Institutional Interests and the Proliferation of Nuclear Weapons Expertise (Cambridge, Mass: MIT Press, 2011), for *Isis*.
- Nick Cullather, The Hungry World. America’s Cold War Battle Against Poverty in Asia (Cambridge, Mass: Harvard University Press, 2010), for *H-DIPLO Roundtable*, XIII:5 (2011), 3 October 2011.

## **Media**

- Interviewed by Swiss Radio for a program on CERN and European Integration (January 2012)
- Interviewed for an American Public Radio Program, “Business of the Bomb: the Modern Nuclear Marketplace” (July 2008)
- Interviewed by BBC London for a program on CERN’s Large Hadron Collider (July 2008)

## **V. SERVICE**

### **A. PROFESSION**

1. Member, SHOT Executive Council, 2012 — 2014
2. Member, HSS Council, 2012 — 2014

1/15/2014

3. Member, Peer Review Panel, Huntington Library Fellowships, Dibner Program in the History of Science, Pasadena, CA, 2012
4. External Reviewer, Centre Alexandre Koyré, Paris, France, 2011—
5. External Reviewer, Dissertation Fellowships, PACHS (Philadelphia Center for the History of Science, 2011 —
6. Adviser, “Nuclear Portugal,” University of Lisbon, Portugal, 2011
7. Advisor: Project and Exhibition *50 ans du CNES*, Paris, 2011
8. External Reviewer, ACLS Charles A. Ryskamp Research Fellowships, and Frederick Burckhardt Residential Fellowships, 2008
9. Member and co-chair, HSS Program Committee, Meeting in Fall 2005
10. Member HSS Committee on Meetings and Programs (2004-6)
11. Member, American Institute of Physics, Advisory Committee on the History of Physics (2004-6)
12. Member, Coordination Committee, *Tensions of Europe. Technology and the Making of 20thC Europe*, a European Science Foundation (Strasbourg, France) Network approved in November 2000 for three years.
13. Member of the Committee on International Scholars, Society for the History of Technology (2000-2003).
14. Editor, *History and Technology*, an international journal (1990-2008)
15. Series Editor, *Studies in the History of Science, Technology and Medicine* (Routledge, UK).
16. Advisory Editor, *British Journal for the History of Science*
17. Advisory Editor, *Minerva* (2000-2003; 2009- present)
18. Advisory Editor, *Isis* (2001-2004)

Fellowship and grant applications reviewed

For the Macarthur and Guggenheim Foundations, the European Science Foundation, the Royal Society (London), the NSF, the NEH

Peer evaluation for promotion and/or tenure as requested by U.S. universities

Cornell, Fordham, Maryland, Michigan, MIT, Ottawa, Princeton, Rensselaer, Yale

International Summer School Teacher and Leader

1/15/2014

May, 2003 TITEKO Interdisciplinary Graduate Summer School in History and  
Sociology of Technology, Helsinki, Finland.

External PhD Examiner

- 2011 Hervé Moulin, Université Paris III La Sorbonne.  
2008 S.W.H. Zaidi, Center for the History of Science, Technology and Medicine,  
Imperial College, London  
2004 S. Turchetti, Center for the History of Science, Technology and Medicine,  
University of Manchester

**B. GEORGIA INSTITUTE OF TECHNOLOGY**

School of History, Technology and Society

1. Director of Graduate Studies, 2008 —
2. Member of the Graduate Committee (ongoing)
3. Member of ad hoc Committee on Promotion and Tenure (2010-2011)
4. Member of the Library Committee (2000-6 )
5. Member of the Executive Committee (2001-3, 2008-)
6. Chairman of the Magill Visiting Speakers Program Committee (2002-3)

*PhD Board*

- 2001 Aristotelis Tympas  
2004 Hannes Toivanen  
2004 Prakash Kumar  
2005 Tim Stoneman  
2007 Jahnvi Phalkey  
2008 Chris McGahey  
2008 Patrick Zander  
2010 Fang Zhou  
2011 Ashok Maharaj

Ivan Allen College

- 2011-12 Member of Modern Languages Chair Search Committee (2011-2012)

1/15/2014

- 2011 Leader of initiative to create a new College-wide STS Certificate
- 2010-11 IAC Representative on Institute P/T Committee
- 2010-11 IAC Representative on the Institute 3<sup>rd</sup> Year Critical Review Committee
- 2010 IAC Representative on the Regent's Professor Selection Committee
- 2008 Member of ad hoc ethics committee to investigate charges of plagiarism against an IAC faculty member
- 2007 Program Committee, "Science, Technology and Innovation," international conference organized by the School of Public Policy.

### **C. OTHER CONTRIBUTIONS**

#### Consultancies

- 2008-11 for Profs Michael Riordan, UC Santa Barbara, and Lillian Hoddeson, "The Rise and Fall of the Superconducting Supercollider"
- 2001 for TPAC (Technology Policy and Assessment Center), School of Public Policy, Georgia Institute of Technology, as member of a team led by Susan Cozzens, for Forfas, Eire, "Assessment of Irish Participation in Inter-Governmental Research Organizations" (CERN, EMBL, ESO, ESRF).
- 1994 to the Office of Technology Assessment of the US Congress, Washington DC, on international collaboration in science and technology.
- 1992 to the Center for History of Physics of the American Institute of Physics, New York, on multi-institutional collaborations in space science and geophysics.
- 1989 to the Center for History of Physics of the American Institute of Physics, New York, on multi-institutional collaborations in high-energy physics.
- 1987 to the Brazilian Minister of Science and Technology, Brasilia, on the desirability of a Brazilian controlled thermonuclear fusion project.

### **I. GRANTS AND CONTRACTS**

#### **A. AS PRINCIPAL AND/OR CO-PRINCIPAL INVESTIGATOR**

1/15/2014

1. NASA/ NASA History Office, “A History of NASA’s International Relations”, with graduate students Angelina Long and Ashok Maharaj (\$313,000 for three years).
2. NSF Science and Technology Studies Program, Dissertation Improvement Award, Jahnvi Phalkey (for 2005).
3. NSF Science and Technology Studies Program, Dissertation Improvement Award, Tim Stoneman (for 2005).
4. NSF Grant SES-0326985, (\$9804) (co-PI, Kai-Henrik Barth, Georgetown University), “International Workshop on Science, Technology International Affairs”.
5. Science, Technology and European Modernity (co-PI, PI Mike Allen), NSF SGTR award (\$305,000) – subsequently cancelled by NSF with Allen’s departure from Tech.
6. European Space Agency for a history of the European Space Agency (about \$1million).
7. Various European funding bodies, for the history of CERN from 1965 to 1980 (about \$180,000).
8. European Commission, DGXII, Brussels, for the history of the European fusion program (about \$25,000).

#### **B. AS INVESTIGATOR**

1. UK Science and Engineering Research Council, for the history of CERN from 1950 to 1965 (about \$200,000).

#### **C. OTHER**

##### External

- 2002 From the Rockefeller Archives, Sleepy Hollow, NY, in the framework of their ‘History of the Cold War Era’ program (\$2225)
- 2000 From AIP Center for the History of Physics, to use the facilities at their Niels Bohr Library, Maryland (DC), (about \$1100).

##### Internal

- 2011 GTRF Travel funds to attend SHAFR from France (\$3000)

1/15/2014

2010 European Union Center of Excellence, INTA, for archival research in the U.K.  
(~\$3000)

2010 GTRF, for Archival Research in France, Italy and the U.K (\$2450).

2009 GTRF Awards in Fall (\$1000) and in Summer (\$1000)