

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

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I. EARNED DEGREES

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

D. Sc., 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. IMPACT

h-index = 19 (Google Scholar)

IV. SCHOLARLY AWARDS AND PRIZES

- Visiting Fellow in Residence at Green College, and Liu Institute for Global Issues, University of British Columbia, Vancouver, Canada (competitive), September – December 2014.
- Elected SHOT President, to serve as Vice-President in 2015-6, and as President in 2017-8.
- Invited professor, LATTTS (*Laboratoire Techniques, Territoires et Sociétés*), Ecole des Ponts, Marne-la-Vallée, Paris, France, May 2014.
- 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 Ciències, 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)

V. RESEARCH

Books and journal special numbers#

1. J. Krige, *Sharing Knowledge, Shaping Europe. US Technological Collaboration and Nonproliferation* (Cambridge: MIT Press, 2016)
2. #J. Krige and J. Wang, eds., *Nation, Knowledge and Imagined Futures*, Special Number of *History and Technology*, (2016).
3. N. Oreskes and J. Krige, eds, *Science and Technology in the Global Cold War* (Cambridge: MIT Press, 2014).
4. J. Krige, *Fifty Years of European Cooperation in Space* (Paris: Beauchesne, 2014).
5. R. Launius, J. Krige and J. Craig, eds, *The Space Shuttle Legacy. How we Did It and What we Learned* (Reston, VA: AIAA Press, 2013).
6. J. Krige, A. Long Callahan and A. Maharaj, *NASA in the World. 50 Years of International Collaboration in Space* (New York: Palgrave Macmillan, 2013).
7. J. Krige and H. Rausch, eds, *American Foundations and the Coproduction of World Order in the 20th Century* (Göttingen: Vandenhoeck and Ruprecht, 2012).
8. J. Krige, *American Hegemony and the Postwar Reconstruction of Science in Europe* (Cambridge: MIT Press, 2006)
9. J. Krige and K-H. Barth, eds, *Global Power Knowledge. Science and Technology in International Affairs, Osiris 21* (University of Chicago Press, 2006).
10. I. Löwy and J. Krige, eds, *Images of Disease. Science, Public Policy and Health in Postwar Europe* (Brussels: European Commission, 2001).
11. 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).
12. 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).
13. J. Krige and D. Pestre, eds, *Science in the Twentieth Century* (Chur: Harwood

- Academic Publishers, 1997)
14. J. Krige and L. Guzzetti, *History of European Scientific and Technological Collaboration* (Brussels: European Commission, 1997).
 15. J. Krige and A. Russo, *Europe in Space, 1960-1973: From ESRO and ELDO to ESA* (Noordwijk: ESA-SP1172, 1994).
 16. J. Krige, ed, *History of CERN. Volume III. The Years of Consolidation 1966-1980* (Amsterdam: North Holland, 1996).
 17. 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).
 18. 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).
 19. J. Krige, ed, *Choosing Big Technologies* (Chur: Harwood Academic Publishers, GmbH, 1993). Originally published as a special edition of *History and Technology* (Summer 1992).
 20. J. Krige, *Science, Revolution and Discontinuity* (Brighton: Harvester Press, 1980). Reprinted by Gregg Revivals, Aldershot, 1994.

Refereed articles

1. J. Krige, "Regulating the Academic "Marketplace of Ideas": Commercialization, Export Controls, and Counterintelligence", *Engaging STS*, 1:1 (2015), in press
2. J. Krige, "National Security and Academia. Regulating the International Circulation of Knowledge," *Bulletin of the Atomic Scientists* , 70:2 (2014), 42-52.
3. 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*, 36:2 (2014), 230 – 251.

4. 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 (2012), 337-357.
5. 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.
6. J. Krige, "Building the Arsenal of Knowledge," *Centaurus*, 52:4 (2010), 280-296.
7. 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.
8. J. Krige, "Critical Reflections on the Science-Technology Relationship," *Transactions of the Newcomen Society*, 76 (2006), 259-269 (Dickinson Medal Prize Lecture).
9. 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.
10. J. Krige, "Isidor I. Rabi and CERN," *Physics in Perspective* 7:2 (2005), 150 – 164.
11. J. Krige, "I.I. Rabi and the Birth of CERN," *Physics Today*, September 2004, 44-48.
12. 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.
13. 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.
14. J. Krige, "The 1984 Nobel Prize in Physics for Heterogeneous Engineering," *Minerva* 39:4 (December 2001), 425-443.
15. J. Krige, "Distrust and Discovery. The Case of the Heavy Bosons at CERN," *Isis* 92:3 (September 2001), 517-540.
16. J. Krige, "NATO and the Strengthening of Western Science in the Post-Sputnik

- Era," *Minerva* 38 (2000), 81 – 108.
17. 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.
 18. J. Krige, "The Ford Foundation, European Physics and the Cold War," *Historical Studies in the Physical and Biological Sciences*, 29:2 (1999), 333 - 361.
 19. J. Krige, "The Commercial Challenge to Arianespace. The TCI Affair," *Space Policy*, 15 (1999), 87 - 94.
 20. J. Krige and D. Pestre, "La naissance du CERN. Le comment et le pourquoi," *Relations internationales*, No 46, été 1986, 209-226
 21. J. Krige and 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.
 22. J. Krige and D. Pestre, "A Critique of Irvine and Martin's Methodology for Evaluating Big Science," *Social Studies of Science*, 15 (1985), 525-39.
 23. J. Krige, "A Critique of Popper's Conception of the Relationship Between Logic, Psychology, and a Critical Epistemology," *Inquiry*, 21 (1978), 313-335.
 24. J. Krige, "Popper's Epistemology and the Autonomy of Science," *Social Studies of Science*, 8 (1978), 287-307.

Refereed and invited (*) book chapters

1. *J. Krige "A Transnational Approach to US Nuclear Weapons Relationships with Britain and France in the 60s and 70s", in Jeroen Van Dongen, ed, *Cold War Science and the Transatlantic Circulation of Knowledge* (Leiden: Brill, in press).
2. J. Krige, "Embedding the National in the Global: U.S. – French Relationships in Space Science and Rocketry in the 1960s," in Naomi Oreskes and John Krige, eds. *Science and Technology in the Global Cold War* (Cambridge: MIT Press, 2014), 237-250.
3. J. Krige, "Concluding Remarks," in Naomi Oreskes and John Krige, eds.

- Science and Technology in the Global Cold War* (Cambridge: MIT Press, 2014), 431 - 444.
4. *J. Krige, "Technological Collaboration and Nuclear Proliferation: A Transnational Approach," in Maximilian Mayer, Mariana Carpes and Ruth Knoblich, eds, *The Global Politics of Science and Technology. Vol. 1. Concepts from International Relations and Other Disciplines* (Heidelberg: Springer, 2014), 227-241.
 5. *J. Krige, "Diplomacy (Post 1945), Science and Technology and," in Hugh R. Slotten, ed, *Oxford Encyclopedia of the History of American Science, Medicine and Technology*, Vol. I (Oxford: Oxford University Press, 2014), 252-267.
 6. *J. Krige, "L'État, la haute technologie et les États-Unis dans les années 1950 et 1960," in Patrick Fridenson and Pascal Griset, eds, *Entreprises de haute technologie, État et souveraineté depuis 1945* (Paris: IGPDE, 2013), 17-24.
 7. 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 20th Century* (Göttingen: Vandenhoeck and Ruprecht, 2012), 7-34.
 8. 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 20th Century* (Göttingen: Vandenhoeck and Ruprecht, 2012), 189-209.
 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 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, "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.
 12. *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.
 13. *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.
 14. *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.
 15. 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.
 16. *J. Krige, "La science et la sécurité 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 études en sciences sociales, 2004), 373-401.
 17. *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.
 18. *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* (Chur: Harwood Academic Press, 2000), 289-307.

19. *J. Krige and C. Westfall, "The Path of Post-War Physics," in G. Fraser, ed, *The Particle Century* (Bristol: IOP Publishing, 1998), 1-11.
20. *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.
21. *J. Krige and 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), 263-285.
22. *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.
23. * 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.
24. *J. Krige and 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.
25. *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.
26. *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.
27. *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.
28. *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.
29. *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.
30. *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.
31. *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.
32. *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

Other publications

1. J. Krige, "Relations Europe — États Unis au XXIe siècle" *Revue Défense Nationale*, No 771 (juin 2014), 81 – 84.
2. 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]
3. 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* (Reston VA: AIAA Press, 2013), 265-282.
4. J. Krige, "Epilogue," in Roger Launius, John Krige, and Jim Craig, eds, *The Space Shuttle Legacy. How We Did It and What We Learned* (Reston VA: AIAA Press, 2013), 345- 351.
 5. 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.
 6. 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).
 7. J. 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, *Wissenschaft und Aussenpolitik. Papers zur Tagung anlässlich des 50. Jubiläums der Schaffung des ersten Postens eines Schweizerischen Wissenschaftsattaché*
 8. J. Krige, "'Americanization': International Responses,' *Enciclopedia Italiana.Vol. VIII. Storia della scienza Sez. Fisica'* (Rome, 2005).
 9. J. Krige, "The History of the European Space Agency Projects -- Past Achievements, Future Prospects," (Noordwijk: ESA SP-609, 2005), 3-6.
 10. 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.
 11. 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).
 12. 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.

13. J. Krige, "History of Technology After 9/11: Technology, American Power, and 'anti-Americanism'," *History and Technology*, **19:1** (2003), 32-39 .
14. 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.
15. 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.
16. J. Krige, "La guerre des étoiles", *Le Monde de l'Education, de la Culture et de la Formation*, N° 272, juillet - août 1999, 44 - 45.
17. 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.
18. J. Krige, 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.
19. 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.
20. J. Krige, "Le phénomène Feyerabend", *Alliage*, No 28 (automne 1996), 8-11.
21. J. Krige, "Megaprojects, Megateams and Motivation", *Physics World*, **7**, No. 5, May 1994, 17-18.
22. 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.
23. 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.
24. 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.

25. J. Krige and M. De Maria, "Early European Attempts in Launcher Technology," in J. Krige, ed, *Choosing Big Technologies* (Chur: Harwood Academic Publishers, 1993), 109-37.
26. J. Krige, "The Impact of Big Science on University Teaching and Research," *Alma Mater Studiorum*, No. 1, 1993, 217-231.
27. 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.
28. 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.
29. J. Krige, "Britain and European Space Policy in the Late 1960s and Early 1970s," *Science and Technology Policy*, **5:2** (1992), 13-18.
30. J. Krige and D.Pestre, "Deux Prix Nobel Trente Ans Après", *Les Cahiers de Science & Vie (Hors serie)*, No 12 (décembre 1992), 36-58.
31. J. Krige, "Le Pouvoir du CERN", *Les Cahiers de Science & Vie (Hors serie)*, No 12 (décembre 1992), 76-80.
32. J. Krige, "Britain and European Space Policy in the Late 1960s and Early 1970s", *Science and Technology Policy*, **5:2** (1992), 13-18.
33. J. Krige and D.Pestre, "Deux Prix Nobel Trente Ans Après", *Les Cahiers de Science & Vie (Hors serie)*, No 12 (décembre 1992), 36-58.

Book reviews

- 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*.

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- 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*.
- 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*.
 - 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*.

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- 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.
- Kiran Klaus Patel, "Provincialising European Union: Co-operation and Integration in Europe in Historical Perspective." *Contemporary European History*, 22: 4 (2013): 649-673, published online by H-Diplo on 20 June 2014, URL: <http://h-diplo.org/reviews/PDF/AR466.pdf>.
- Angela N.H. Creager, Life Atomic. A History of Radioisotopes in Science and Medicine (University of Chicago Press, 2013) in *Endeavour*, 38:2 (June 2014), 68-69.
- Kate Brown, Plutopia. Nuclear Families, Atomic Cities and the Great Soviet and American Plutonium Disasters (Oxford: Oxford University Press, 2013); Scott Kaufman, Project Plowshare. The Peaceful Use of Nuclear Explosives in Cold War America (Ithaca: Cornell University Press, 2013); Yanek Mieczkowski, Eisenhower's Sputnik Moment. The Race for Space and World Prestige (Ithaca: Cornell University Press, 2013); and Audra J. Wolfe, Competing with the Soviets. Science, Technology and the State in Cold War America (Baltimore: Johns Hopkins University Press, 2013) in *Reviews in American History*, 42:3 (2014), 505-512.

Presentations at professional conferences

1. J. Krige, Invited panelist, "*Roundtable: Science and Supranationalism: Exploring the History of Science in Intergovernmental Organizations*", Annual Meeting of the History of Science Society, Chicago, November 6-9, 2014.
2. J. Krige, "Helping and Hindering Allies: The Transnational Circulation of Nuclear Information between the U.S. and Europe from the Late 50s to the Early 70s," paper presented at the Annual Meeting of the History of Science Society, Chicago, November 6-9, 2014.

3. J. Krige, Invited panelist, Roundtable "*Still Up to Date? Debating the Place of Technology and Science Within the New Spaces of International Political Economy*," 55th Annual International Studies Association, Toronto, Canada, March 26-29, 2014.
4. J. Krige, "Intelsat, Comsat and the Construction of US Empire," paper contributed to the Session *The Co-production of Space and Power Through Global Infrastructures*, 55th Annual International Studies Association, Toronto, Canada, March 26-29, 2014.
5. J. Krige (with Angela Creager, Princeton University), "A New Look at Radioisotopes: 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.
6. J. Krige, Comment on the session "Myth Making, Discipline Consolidation, and Science Studies," History of Science Society, Annual Meeting, San Diego, November 2012.
7. John Krige, "On Embedding the National in the Transnational Analysis of Knowledge Flows," invited contribution to a Round Table Discussion entitled *Thinking Through Spatial Units of Analysis in the Global Cold War*, organized by Hugh Slotten (University of Otago), SHOT Annual Meeting, Copenhagen, Denmark, October 4-7, 2012.
8. 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.
9. John Krige, "The Limits of Oral History," Comment on the Session "Talking With Scientists. Using Oral History to Document the History of Science," 44th Annual meeting of the Oral History Association, Atlanta, GA, October , 2010.
10. 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.

11. 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
12. 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.
13. 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.
14. 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.
15. J. Krige, "Invisible Hands, Invaluable Assets," invited speaker, plenary session, Annual conference of the Deutsche Physikalische Gesellschaft, University of Regensburg, Germany, March 2007.
16. 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.
17. J. Krige, Commentary on Session 8, "Knowledge Production and Transnational Contexts", Annual Meeting, Society for the History of Technology, Amsterdam, October 2004.
18. 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.
19. J. Krige, "European Reactions to the Shuttle *Columbia* Accident", Contribution to Plenary Session, SHOT, Atlanta, October 2003.
20. J. Krige, Commentator (and Chair), on session "Selling 'Manned' Spaceflight: Conflicts in Space", SHOT, Atlanta, October 2003.
21. J. Krige, "The Three Faces of Science", paper presented at HSS Annual Meeting, Milwaukee, November 2002.

22. J. Krige, "Commentary on the session 'Space policy and politics', presented at SHOT Annual Meeting, Toronto October 2002.
23. J. Krige, "The Failed Attempt to Establish an MIT for Europe in the 1960s", SHOT Meeting, San Jose, October 2001.

Other professional speaking engagements (including keynote addresses)

1. J. Krige, "Bringing the Worlds of National Security and Academia Together: From Commercialization to Risk Mitigation," HTS Graduate Forum, February 16, 2015.
2. J. Krige, "ESA at 50", talk presented at a function to celebrate 50 years of European cooperation in space, ESTEC, Noordwijk, The Netherlands, in the presence of Dutch King Willem-Alexander, December 16, 2014.
3. J. Krige, "Bringing the Worlds of National Security and Academia Together. From Scientific Entrepreneurship to Meeting the Threat from China," invited seminar paper, Green College, UBC, Vancouver, October 14, 2014.
4. J. Krige, "U.S.-French Relationships in Space Science and Rocketry in the 1960s," Invited paper, UBC History, STS Seminar, Vancouver, September 18, 2014.
5. J. Krige, "Is there a national space history?" invited paper presented at 2014 Spring Colloquium, Graduate School of Science and Technology Policy, KAIST, Daejeon, South Korea, June 5, 2014
6. J. Krige, "American Foundations as Vectors of American Foreign Policy in the Cold War," invited paper presented at Seoul National University, South Korea, June 3, 2014.
7. J. Krige, "The 'Problem of Evil' and the Postwar Reconstruction of Science in Europe," invited seminar, Department of History, University of Maastricht, May 14, 2014.

8. J. Krige, “Bringing the Worlds of National Security and Academia Together Policing the Circulation of Knowledge in American Research Universities” invited seminar paper, Centre Alexandre Koyre, Paris, France, May 13, 2014
9. J. Krige, Four lectures as invited professor, LATTTS (*Laboratoire Techniques, Territoires et Sociétés*), Ecole des Ponts, Marne-la-Vallée, Paris, France (May 2014).
10. J. Krige, Two invited lectures and panel discussion in a series for the *Chair Grands Enjeux Stratégiques Contemporains* (The Chair in ‘Major Strategic Stakes of the 21stC’) Université Paris 1, Pantheon –Sorbonne, in Collaboration with the Fondation Saint-Cyr, Thales, EADS, the CEA (French Atomic Energy Commission) and others. March/April 2014
 - “Supériorité technologique et politique extérieure américaine” (Technological Leadership and US Foreign Policy), March 17, 2014
 - “Conflits Etats-Unis/Europe autour d’un système global de télécommunications et de navigation par satellite” (US-European Conflict over Global Satellite Systems for Telecommunications and for Navigation), March 24, 2014
 - Participation in panel discussion on “Les conditions de la supériorité stratégique et militaire dans la première moitié du XXI siècle” (Conditions for strategic and military superiority in the first half of the 21stC), April 10, 2014.
11. J. Krige, Invited presentation of my book *Fifty Years of European Cooperation in Space. Building on the Past, ESA’s Shaping the Future* (Paris: Beauchesne, 2014), European Space Agency, Paris, March 21, 2014.
12. J. Krige, “U.S.-French Relationships in Space Science and Rocketry in the 1960s,” Invited Seminar, Centre Alexandre Koyre, Paris, France, March 20, 2014.
13. J. Krige, invited discussion leader in MA class, ‘Circulation, Frontières, Identités’, taught by Corine DeFrance and Anne Coudrec, Université Paris-I La Sorbonne, Paris, March 17, 2014.

14. J. Krige, "The transformation of the research space in the contemporary American research university," invited presentation at the conference "Basic and Applied Research – Historical Semantics of a Key Distinction in the 20th Century Science Policy," University of Bonn, Germany, February 20-22, 2014.
15. J. Krige, "Controlling the Flow of Sensitive Knowledge Behind the Classification Wall: US Nuclear Relationships with Britain and France in the Late 50s and Early 70s," **Keynote** address at the Workshop *Cold War Science*, Lorentz Center, Leiden, The Netherlands, December 16-20, 2013.
16. 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.
17. 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.
18. 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.
19. 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.
20. 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.
21. 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.
 22. 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.
 23. 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.
 24. 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.
 25. 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.
 26. 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 Universitat, Berlin, Germany, April 19-21, 2012.
 27. J. Krige, "Starwars: How ITAR is Undermining International Collaboration in Space Science," paper presented at 8th Laboratory History Conference, Georgia Tech, Atlanta, March 30-31, 2011.

28. J. Krige, "Controlling Sensitive Knowledge Flows in an Interconnected World," HTS Faculty Brown Bag Presentation, March 26, 2011.
29. 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.
30. 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.
31. J. Krige, "Elements for a Transnational History of Cold War Science," **keynote** address presented at the international conference, *Cold War Science, Colonial Politics and National Identity in the Arctic*, Aarhus University, Denmark, December, 2010.
32. 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.
33. 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.
34. J. Krige, commentator on David Burigana, "Aircraft Cooperation in Europe Since the 1950s," Richie-EUI-Padova Workshop, European University Institute, Florence, Italy, June, 2010.
35. 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.

36. J. Krige, "Co-producing Knowledge for Leadership. Towards a Transnational History of American Science and Technology in the Cold War," invited paper, *7th 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.
37. 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.
38. 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.
39. 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.
40. 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.
41. J. Krige, "Science, Technology, and U.S. Foreign Policy," invited paper, UCLA History of Science, Medicine and Technology Colloquium, April, 2009.
42. J. Krige, "Science and Technology as Instruments of U.S. Foreign Policy in Europe," Brown Bag Seminar, Division of the Humanities, Caltech, March 2009.

43. J. Krige, "Technology Transfer in the Post-Apollo Program 1971/72," invited paper for the CAIN Conference, Chemical Heritage Foundation, March 2009.
44. 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.
45. J. Krige, "Technological Leadership and American Hegemony," invited speaker, STS Colloquium, Massachusetts Institute of Technology, Boston, November, 2008.
46. J. Krige, Rapporteur, Session IV. "Transatlantic Mobility of Researchers and Innovation," at the EU/US Research and Education Workshop, *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.
47. 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.
48. 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.
49. 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.
50. J. Krige, "Shaping Postwar Europe. Science, Technology and American Soft Power," 13th **Annual Hans Rausing Lecture**, Department of History and Philosophy of Science, University of Cambridge, Cambridge, UK, May 2008.

51. J. Krige “Science, Technology and American Hegemony”, **7th Cardwell Memorial Lecture**, Centre for the History of Science, Technology and Medicine, University of Manchester, Manchester, UK, May 2008.
52. J. Krige, “Building National Capability through Regional and International Collaboration,” *NASA, Remembering the Space Age: 50th Anniversary Conference*, Washington D.C., October 2007.
53. 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.
54. J. Krige, “Technology and National Identity,” invited **keynote** address, workshop on *Science, Technology and National Identity*, University of South Carolina, Columbus, September 2007.
55. J. Krige, “Technology as an Instrument of US Foreign Policy in the Cold War”, invited speaker, International Seminar, Eindhoven University, The Netherlands, June 2007.
56. 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.
57. 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.
58. 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.
59. 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.

60. 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.
61. 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.
62. 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.
63. J. Krige, "Synthetic Overview and Future Directions", Invited speaker, closing session, international workshop, *Bodies, Networks, Geographies: Colonialism, Development and Cold War Techno-politics*, organized by Prof. G. Hecht, Department of History, University of Michigan, Ann Arbor, October, 2005.
64. J. Krige, "Technology, Hegemony and US-European Space Collaboration", Work in Progress Seminar, National Air and Space Museum, Smithsonian Institution, Washington DC, June 2005.
65. J. Krige, "Technology, Hegemony and US-European Space Collaboration", paper presented at CHSTM seminar, Imperial College, London, May 2005.
66. J. Krige, "Critical Reflections on the Science-Technology Relationship", Henry W. Dickinson Memorial Medal Address, Science Museum, London, May 2005.
67. J. Krige, "Technology, Foreign Policy and US-European Collaboration in Rocketry in the 1960s", University of Virginia, Charlottesville, April 2005.
68. 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.
69. 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.

70. 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.
71. 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.
72. J. Krige, “The Linear Model, the Marshall Plan, and the ‘Rehabilitation’ of German Science”, paper presented at the Conference *Science and Technology in the 20th Century: Cultures of Innovation in Germany and the United States*, German Historical Institute, Washington, D.C., October 2004.
73. 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.
74. 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.
75. J. Krige, “The State and Technology in 20th Century Europe”, position paper, plenary meeting, Tensions of Europe Project, Budapest, Hungary, March 2004.
76. 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.
77. 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.'

78. 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.
79. 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.
80. J. Krige, "Physics and Civil Security in the Cold War", paper presented at Johns Hopkins University, History of Science program, Baltimore, October 2003.
81. 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.
82. 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.
83. J. Krige, "The Rockefeller Foundation's Support for French Science in the Early Cold War", paper presented at Northwestern University, November 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 11th", 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, "US Scientific Leadership and Scientific Manpower in the 1950s Cold War", University of California, Berkeley, October 2001.
88. J. Krige, "The CERN and ESA Archives: the Point of View of an Historian/User", 27th Meeting of the ICA/SIO (International Council on Archives/ Section International Organizations), United Nations, New York, June 2001.
89. J. Krige, "Felix Bloch and CERN", Second Conference on Laboratories, Jefferson Laboratory, Newport News (VA), May 2001.
90. 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.
91. J. Krige, "Marie Curie: Science, Industry and Politics", Center for the Study of Women, Science and Technology, Georgia Institute of Technology, February 2001
92. 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.
93. 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.

External grants received

1. NSF SES Program, "Controlling the Flow of Sensitive Knowledge in an Interconnected World," (\$178,578 for August 2012-August 2014. One year cost-free extension to August 2015 granted).
2. NASA/ NASA History Office, "A History of NASA's International Relations", with graduate students Angelina Long and Ashok Maharaj (\$313,000 for three years beginning in 2007).
3. NSF Science and Technology Studies Program, Dissertation Improvement Award, Jahnvi Phalkey (for 2005).
4. NSF Science and Technology Studies Program, Dissertation Improvement Award, Tim Stoneman (for 2005).
5. NSF Grant SES-0326985, (\$9804) (co-PI, Kai-Henrik Barth, Georgetown University), "International Workshop on Science, Technology International Affairs".
6. 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.

Recent research collaboration

- With Alasdair Young, Vicki Birchfield and Katja Weber, INTA, Georgia Tech to organize an international symposium on the European Union as Peacekeeper, November 2015.
- With Jessica Wang, History, UBC, Vancouver, Canada, to organize workshop on science and the Cold War in the decolonizing world, September 5-6, 2014.
- With Naomi Oreskes, History of Science, Harvard, to edit a book on science, technology and the global cold war (q.v.) (2013-4)
- With Olof Hallonsten, Department for Philosophy, Linguistics and Theory of Science, University of Gothenburg, Sweden, Member of the Advisory Board on the international project, *Big Science in the Knowledge Society* (2013-4)

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- With Catherine Westfall (Michigan State), to co-organize and host at HTS the 8th Laboratory History Conference, about 20 participants, March 2012.
- With Angelina Long Callahan (Washington D.C.) and Ashok Maharaj (Chennai, India) to write a book on NASA's international relations
- With Jim Craig (AE, Georgia Tech) and Roger Launius (Space History, NASM, Washington D.C.) to organize a workshop and edit a book on the legacy of the space shuttle (q.v) (2013)

Media

- 75 minute Interview with EURONEWS TV Channel, Paris on the European Space Program (March 2014). Clips broadcast on April 20, 2014.
- 30 minute interview with APS (American Physical Society) News for an article on CERN, 60 years old this year (July 2014). The full article was published in the August-September special issue .
- Live appearance on CNN International TV broadcast on Indian launch of a mission to Mars (November 2013)
- Interview with Bettina Mittelstrass for Deutschlandfunk (radio station) on my talk in Jena (September 2014)
- Interview with August Gunver Lystbaek Vestergård for the Danish newspaper *Weekendavisen* on Niels Bohr and the Origins of CERN (August 2013)
- Interview with KAMI Productions for Japanese Productions TV film on the European Space Agency (June 2013)
- Interview 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)

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