

# CURRICULUM VITAE INCLUDING LIST OF PUBLICATIONS

HENRIK KRAGH SØRENSEN

PhD, MSc

Born: June 1, 1973

May 17, 2017

---

## PERSONAL INFORMATION

Name: Henrik Kragh Sørensen

Born: June 1, 1973

Citizenship: Danish

Marital status: Married to Laura Søvsø Thomasen

Language skills: Danish (native), English (fluent), German (reads and understands thoroughly, speaks passably), Scandinavian language (reads and understands thoroughly, can adapt spoken Danish), Italian (some reading skill), Dutch (some reading skill).

---

## ADDRESS

Hvedbjergvej 90

DK-8220 Brabrand, Denmark

Office email: henrik.kragh@ind.ku.dk

Private email: mail@henrikkragh.dk

Official web: <http://www.ind.ku.dk/english/staff-auto-list/?pure=en/persons/370297>

Personal web: <http://www.henrikkragh.dk/>

Blog (in Danish): <http://www.matematikhistorie.dk>

---

## EDUCATION

2002 PhD, History of Science, University of Aarhus.

1999 MSc (Cand.scient.), Mathematics and Computer Science, University of Aarhus.

---

## POSITIONS

2016–2021 Professor (with special responsibilities), Department of Science Education, University of Copenhagen.

2008–2016 Associate professor, Department of Science Studies, University of Aarhus.

2005–2007 Post-doc and *Steno scholar*, Department of Science Studies, University of Aarhus.

2004–2005 Post-doc, Department of Mathematics, Agder University College, Kristiansand, Norway.

2003–2004 Post-doc, Department of Mathematics, University of Utrecht, The Netherlands.

2002–2003 Post-doc, Department of Science Studies, University of Aarhus.

---

## ACADEMIC MANAGEMENT AND SERVICES TO THE PROFESSION

- 2016– Head of Section for History and Philosophy of Science, Department of Science Education, University of Copenhagen.
- 2016– Head of the Research Group in Science Studies, Department of Science Education, University of Copenhagen.
- 2015– Member of the Danish National Committee for History and Philosophy of Science.
- 2015– Book review editor for *Historia Mathematica* with responsibility for non-English books.
- 2014 Member of the group formed to formulate a “Proposal on the Future of Philosophy of Mathematical Practice” (PFMP) funded by Santander and led by Brendan Larvor.
- 2013–2014 Stand-in for head-of-centre, Centre for Science Studies, during longer periods of absence.
- 2010–2011 Deputy head of department, Department of Science Studies, University of Aarhus.
- 2010– Treasurer of the ICHM: International Commission on the History of Mathematics.
- 2006–2009 Head of Teaching Committee, Department of Science Studies, University of Aarhus.
- 2006–2012 Member of the board for the association “Cirklen” for mathematics teachers at all levels in the vicinity of Aarhus.

---

## EXTERNAL FUNDING

- 2016–2018 “Udvikling af materialer til kildecentreret matematikhistorie på STX” (UVM, Udlovningsmidler, DKK 66.000)
- 2017 “Network for History and Philosophy of Computer Science” (DFF, INP, DKK 245.663)
- 2017 “Nordic Network for Philosophy of Science” (Knud Højgaard’s Fond, Konferencestøtte, DKK 25.000)

---

## SCHOLARSHIPS, GRANTS, AND AWARDS

- 2013 My paper [15] was among the top ten read articles of 2013 in the Taylor & Francis History of Science Journals.
- 2011 Refugium at Møllehuset, Sandbjerg funded by Aarhus University Research Foundation.
- 2009 Awarded the *Montucla Prize* from the International Commission on the History of Mathematics for “the best article by a young researcher published in *Historia Mathematica* from 2005 to 2008” [21].
- 2007 *Steno scholar* stipend from the Danish Research Council for the Natural Sciences.
- 2004 Post-doc stipend from the Norwegian Research Council.
- 2003 Post-doc stipend from the Dutch Research Council.
- 1998 PhD student scholarship from the Faculty of Science, University of Aarhus.

---

## LONG-TERM RESEARCH VISITS

- 2014/01 School of Mathematics and Statistics, University of New South Wales, Australia.

2013/03	Interdisciplinary Center for Science Studies, University of Wuppertal, Germany.
2009/09–2009/12	Forum for University History, University of Oslo, Norway.
2000/05–2000/06	Department of Mathematics, University of Palermo, Italy.
1998/11	Department of Mathematics, University of Utrecht, The Netherlands.

---

#### ACADEMIC ORGANIZATIONAL ACTIVITIES

- 2017 Organiser of *NNPS2017: Fifth Annual Meeting of the Nordic Network for Philosophy of Science*, Copenhagen (DK), April 20 to 21, 2017.
- 2016 Co-organiser of *History of Mathematics in Education: An Anglo-Danish collaboration*, Bath (UK), August 21 to 24, 2016.
- 2015 Co-organiser of *SPSP2015: Society for Philosophy of Science in Practice*, Aarhus (DK), June 23 to 26, 2015.
- 2015 Co-organiser of *Satelite workshop: Teaching Philosophy of Science to Science Students*, SPSP2015, Aarhus (DK), June 22, 2015.
- 2013 Co-organiser of *Historiography of mathematics in the 19th and 20th centuries*, Wuppertal (DE), March 20 to 22, 2013.
- 2010 Organiser of *Fagligt farvel-arrangement for Kirsti Andersen*, Institut for Videnskabsstudier, Århus (DK), February 26, 2010.
- 2009 Co-organiser of *Miniworkshop: History and Philosophy of Mathematical Practice*, Sandbjerg (DK), June 21 to 24, 2009.
- 2008 Co-organiser of *19th Novembertagung*, Holbæk (DK), November 5 to 9, 2008.
- 2007 Co-organiser of *PHIS Graduate Conference 2007*, Sandbjerg (DK), December 6 to 7, 2007.
- 2005 Co-organiser of *Science in Scandinavia around 1900*, Kristiansand (NO), May 9 to 11, 2005.
- 2003 Organiser of *Mathematics 1850–1920 — Modernity and Professionalisation*, Aarhus (DK), May 14, 2003.
- 2003 Co-organiser of *1st Nordic post-graduate workshop in the History of Science and Technology*, Bjerringbro (DK), May 1 to 4, 2003.
- 1999 Co-organiser of *10th Novembertagung in the History of Mathematics*, Holbæk (DK), October 28 to 31, 1999.

---

#### SELECTION OF INTERNATIONAL CONFERENCES

- 2016\* Invited to *Mathematical Biography: A MacTutor Celebration*, St Andrews University, St Andrews (UK), September 16 to 17, 2016.
- 2016\* Invited to *Workshop: Logic and Philosophy of Mathematical Practices*, Brussels (BE), February 18 to 19, 2016.
- 2014\* *PSA 2014*, Chicago (US), November 6 to 9, 2014.
- 2014\* *HSS 2014*, Chicago (US), November 6 to 9, 2014.
- 2013\* Invited to *Historical Perspectives on Mathematics As a Tool*, Bielefeld (DE), November 13 to 15, 2013.
- 2013\* Co-organiser of *Historiography of mathematics in the 19th and 20th centuries*, Wuppertal (DE), March 20 to 22, 2013.
- 2013 Invited to *From "Mixed" to "Applied" Mathematics: Tracing an important dimension of mathematics and its history*, Oberwolfach (DE), March 3 to 9, 2013.
- 2011\* Invited to *Emigration of Mathematicians and Transmission of Mathematics: Historical Lessons and Consequences of the Third Reich*, Mathematisches Forschungsinstitut, Oberwolfach (DE), October 30 to November 5, 2011.

- 2011\* Invited to *Impossibility proofs in mathematics*, Paris-Diderot Philosophy of Math Seminar, Paris (FR), February 1, 2011.
- 2010\* Invited to *History of History of Mathematics*, All Souls College, Oxford (UK), December 16 to 17, 2010.
- 2010\* *ESHS-4: Circulation of Science and Technology*, Barcelona (ES), November 18 to 20, 2010.
- 2010\* Invited to *21st Novembertagung*, Mainz (DE), November 3 to 7, 2010.
- 2010\* Invited to *From Practice to Results in Logic and Mathematics*, PratiScienS research group, Nancy (FR), June 21 to 23, 2010.
- 2010\* *Thought Experiments and Computer Simulations: Same End, Different Means?*, Paris (FR), March 11 to 13, 2010.
- 2010\* Invited to *Disciplines and Styles in Pure Mathematics, 1800-2000*, Mathematisches Forschungsinstitut, Oberwolfach (DE), February 28 to March 6, 2010.
- 2009\* *Second Annual Conference for the History of Science in Norway*, Tromsø (NO), November 10 to 12, 2009.
- 2009\* Invited to *Hansteen Symposium*, Oslo (NO), October 26, 2009.
- 2009\* Invited to *Between Modernism and Application: Comparative Studies in the History of Early 20th Century Mathematics*, Schloss Rauischholzhausen, Frankfurt (DE), October 12 to 15, 2009.
- 2009\* Invited to *Abelseminaret 2009*, AbelSenteret, Gjerstad (NO), September 24 to 26, 2009.
- 2009\* *XXIII International Congress of History of Science and Technology*, Budapest (HU), July 28 to August 2, 2009.
- 2009\* *SPSP-2: Philosophy of Science in Practice*, Minnesota (US), June 18 to 20, 2009.
- 2008\* *Romanticism and Science*, DPU, Emdrup (DK), November 28, 2008.
- 2008\* *Sixth Joint Meeting of the BSHS, CSHPs, and HSS*, Keble College, Oxford (UK), July 4 to 6, 2008.
- 2008\* *E-CAP08: 6th European Conference on Computing and Philosophy*, Montpellier (FR), June 16 to 18, 2008.
- 2008\* *First Annual Conference for the History of Science in Norway*, Oslo (NO), May 20 to 22, 2008.
- 2008\* *PhiMSAMP-3: Philosophy of Mathematics - Sociological Aspects of Mathematical Practice*, Vienna (AT), May 16 to 18, 2008.
- 2007\* *13th International Congress of Logic, Methodology and Philosophy of Science*, Beijing (CN), August 9 to 15, 2007.
- 2007\* Invited to *Internationalization of mathematics in the first part of the 20th century*, Kristiansand (NO), May 25, 2007.
- 2007\* *PMP2007: Perspectives on Mathematical Practices*, Brussels (BE), March 26 to 28, 2007.
- 2005 Invited to *Mathematics in the Natural Sciences, 1650–2000*, Mathematisches Forschungsinstitut, Oberwolfach (DE), December 11 to 17, 2005.
- 2005 *La preuve en mathématique: logique, philosophie, histoire*, Lille (FR), May 24 to 28, 2005.
- 2004\* *Science in Europe — Europe in Science (1st ESHS conference)*, Maastricht (NL), November 4 to 6, 2004.
- 2004\* Invited to *History of Differential Equations, 1670–1950*, Mathematisches Forschungsinstitut, Oberwolfach (DE), October 31 to November 6, 2004.
- 2004\* *3rd joint meeting of the BSHM and the CSHPM*, Cambridge (UK), July 9 to 11, 2004.
- 2004\* *4th STEP Meeting (Science and Technology in the European Periphery)*, Sandbjerg (DK), June 2 to 6, 2004.
- 2004\* *Exploring the History of Mathematics: How do we know what questions to ask?*, Richmond, Virginia (US), May 12 to 15, 2004.
- 2003\* *2nd International History and Philosophy of Mathematics Meeting*, Seville (ES), October 17 to 19, 2003.

- 2003 *BSHS Annual Conference 2003*, York (UK), July 17 to 19, 2003.
- 2003 Invited to *Mathematik im Kontext: Geschichte der mathematischen Wissenschaften in der frühen Neuzeit (16.–18. Jahrhundert)*, Mathematisches Forschungsinstitut, Oberwolfach (DE), January 5 to 11, 2003.
- 2000 Invited to *History of Mathematics of the 20th century*, Mathematisches Forschungsinstitut, Oberwolfach (DE), January 30 to February 5, 2000.

An asterisk after the year indicates that a paper was presented. A complete and constantly updated list of conference presentations can be found online at <http://www.henrikkragh.dk/cv>.

---

## RESEARCH ASSESSMENT

4 selection committees for associate professorships (as chair). 1 selection committee for tenure-track assistant professor (as chair). 1 selection committee for post-doctoral position. 3 PhD assessment committees (as chair).

Referee for applications issued to FWO (Research Foundation Flanders).

Referee for a number of journals including *Historia mathematica*, *Centaurus*, *Berichte zur Wissenschaftsgeschichte*, *Revue d'histoire des mathématiques*, *Synthese*. Referee for a number of conferences and proceedings including *ICME-13*, *NNPS2017*.

Chair of the sub-committee of the ICHM Executive Committee tasked with selecting the Montucla Prize winner for 2017.

Member of the International Scientific Program Committee, Eighth European Summer University on History and Epistemology in Mathematics Education (ESU-8), 2018. Member of the Scientific Committee of the Novembertagung on History and Philosophy of Mathematics, 2017.

---

## SUPERVISION OF PHD STUDENTS

- 2007–2011      Laura E. Turner  
2014–2017      Line Edslev Andersen

- Completed the Graduate School in Science and Technology, Aarhus University course on supervision 2015.

---

## OTHER SUPERVISION

Since 2007, supervisor of 14 master's theses and 14 bachelor's projects.

---

## TEACHING (COMPLETE LIST AVAILABLE UPON REQUEST)

- Taught numerous courses (BSc, MSc) in History of Mathematics since 2001, including Introduction to History of Mathematics since 2010.
- Taught courses (BSc) in Philosophy of Mathematics since 2005 and similar courses in Philosophy of Computer Science 2006–2011, 2017.
- Completed the Aarhus University course in university didactics, 2006–2007.

---

## MASS MEDIA

- Multiple publications addressing the interested public (see list of publications).

- Lecturer at the Aarhus Open University since 2011.
- Appearances on Danish radio programmes and Norwegian television.

---

## LIST OF PUBLICATIONS

### Monographs

- [1] Henrik Kragh Sørensen. *Tal. Tænkepauser: Viden til hverdagen 47*. Aarhus: Aarhus Universitetsforlag, Mar. 2017.
- [2] Kristian Danielsen and Henrik Kragh Sørensen. *Herons formel. Hvordan en aleksandriner fik sat mål på alle slags trekantede*. København: Matematiklærerforeningen, 2016. ISBN: 978-87-90996-82-6.
- [3] Kristian Danielsen and Henrik Kragh Sørensen. *Vækst i nationens tjeneste. Hvordan Verhulst fik beskrevet logistisk vækst*. København: Matematiklærerforeningen, 2014. ISBN: 978-87-909-9670-3.
- [4] Mikkel Willum Johansen and Henrik Kragh Sørensen. *Invitation til matematikkens videnskabssteori*. København: Forlaget Samfundslitteratur, 2014. ISBN: 978-87-593-1793-8.
- [5] Henrik Kragh Sørensen. “The Mathematics of Niels Henrik Abel — Continuation and New Approaches in Mathematics During the 1820s”. PhD thesis. Aarhus, Denmark: History of Science Department, University of Aarhus, 2002. xix+428.

### Edited books

- [6] Volker R. Remmert, Martina R. Schneider, and Henrik Kragh Sørensen, eds. *Historiography of Mathematics in the 19th and 20th Centuries*. Trends in the history of science. Cham: Birkhäuser, 2016. DOI: 10.1007/978-3-319-39649-1.
- [7] Reinhard Siegmund-Schultze and Henrik Kragh Sørensen, eds. *Perspectives on Scandinavian Science in the Early Twentieth Century*. The Norwegian Academy of Science and Letters, I. Mat.-Nat. Klasse. Skrifter og avhandlinger 1. Oslo: Novus forlag, 2006. ISBN: 978-82-7099-442-7.

### Peer-reviewed journal articles

- [8] Laura Søvsø Thomasen and Henrik Kragh Sørensen. “The Irony of Romantic Mathematics. Bridging the Historiographies of Literature and Mathematics”. *Configurations*, vol. 24, no. 1 (2016), pp. 53–70.
- [9] Thomas Britz, Nicholas J. Cavenagh, and Henrik Kragh Sørensen. “Maximal partial Latin cubes”. *Electronic Journal of Combinatorics*, vol. 22, no. 1 (Mar. 2015).
- [10] Kristian Danielsen and Henrik Kragh Sørensen. “Using authentic sources in teaching logistic growth: A narrative design perspective”. In: *History and Epistemology in Mathematics Education. Proceedings of the Seventh European Summer University*. Ed. by Evelyne Barbin, Uffe Thomas Jankvist, and Tinne Hoff Kjeldsen. Danish School of Education, Aarhus University, 2015, pp. 499–510.
- [11] Morten Misfeldt, Kristian Danielsen, and Henrik Kragh Sørensen. “Formal proof and exploratory experimentation: A Lakatosian view on the interplay between examples and deductive proof practices in upper-secondary school”. In: *History and Epistemology in Mathematics Education. Proceedings of the Seventh European Summer University*. Ed. by Evelyne Barbin, Uffe Thomas Jankvist, and Tinne Hoff Kjeldsen. Danish School of Education, Aarhus University, 2015, pp. 433–446.

- [12] Thomas Britz, Adam Mammoliti, and Henrik Kragh Sørensen. “Proof by picture: A selection of nice picture proofs”. *Parabola*, vol. 50, no. 3 (2014), pp. 5–15.
- [13] Henrik Kragh Sørensen. “Confluences of Agendas: Emigrant Mathematicians in Transit in Denmark, 1933–1945”. *Historia Mathematica*, vol. 41, no. 2 (2014), pp. 157–187. DOI: 10.1016/j.hm.2013.10.002.
- [14] Laura Søvsø Thomasen and Henrik Kragh Sørensen. “All in: Gambling i litteraturen fra Lessing til finanskrisen”. *Passage: Tidsskrift for litteratur og kritik*, vol. 71 (2014): *Penge*, pp. 111–123. DOI: 10.7146/pas.v29i71.24525.
- [15] Henrik Kragh Sørensen. “What’s Abelian about abelian groups?” *BSHM Bulletin: Journal of the British Society for the History of Mathematics*, vol. 28, no. 1 (Jan. 2013), pp. 37–51. DOI: 10.1080/17498430.2013.729919.
- [16] Laura E. Turner and Henrik Kragh Sørensen. “Cultivating the Herb Garden of Scandinavian Mathematics: The Congresses of Scandinavian Mathematicians, 1909–1925”. *Centaurus*, vol. 55 (2013), pp. 385–411. DOI: 10.1111/1600-0498.12011.
- [17] Henrik Kragh Sørensen. “Throwing Some Light on the Vast Darkness that is Analysis: Niels Henrik Abel’s Critical Revision and the Concept of Absolute Convergence”. *Centaurus*, vol. 52, no. 1 (2010), pp. 38–72. DOI: 10.1111/j.1600-0498.2009.00163.x.
- [18] Dieter Britz, Thomas Britz, Keisuke Shiromoto, and Henrik Kragh Sørensen. “The Higher Weight Enumerators of the Doubly-Even, Self-Dual [48, 24, 12] Code”. *IEEE Transactions on Information Theory*, vol. 53, no. 7 (July 2007), pp. 2567–2571. DOI: 10.1109/TIT.2007.899509.
- [19] Helge S. Kragh and Henrik Kragh Sørensen. “An Odd Couple: Descartes and Longomontanus. A Contribution to Cartesianism in Seventeenth-Century Denmark”. *Ideas in History*, vol. 2, no. 1 (2007), pp. 9–35.
- [20] Henrik Kragh Sørensen. “Louis Olivier: A mathematician only known through his publications in Crelle’s *Journal* during the 1820s”. *Centaurus*, vol. 48, no. 3 (2006), pp. 201–231. DOI: 10.1111/j.1600-0498.2006.00046.x.
- [21] Henrik Kragh Sørensen. “Exceptions and counterexamples. Understanding Abel’s comment on *Cauchy’s Theorem*”. *Historia Mathematica*, vol. 32, no. 4 (2005), pp. 453–480. DOI: 10.1016/j.hm.2004.11.010.
- [22] Henrik Kragh Sørensen. “Abel and his mathematics in contexts”. *NTM: International Journal of History and Ethics of Natural Sciences, Technology and Medicine*, vol. 10 (2002), pp. 137–155. DOI: 10.1007/BF03033109.

### Chapters in books from academic publishers

- [23] Henrik Kragh Sørensen. “Shaping Mathematics as a Tool: The Search for a Mathematical Model for Quasi-crystals”. In: *Mathematics as a Tool. Tracing New Roles of Mathematics in the Sciences*. Ed. by Johannes Lenhard and Martin Carrier. Boston Studies in the Philosophy and History of Science 327. Springer, 2017, pp. 69–90. DOI: 10.1007/978-3-319-54469-4\_5.
- [24] Volker R. Remmert, Martina R. Schneider, and Henrik Kragh Sørensen. “Introductory remarks”. In: *Historiography of Mathematics in the 19th and 20th Centuries*. Ed. by Volker R. Remmert, Martina R. Schneider, and Henrik Kragh Sørensen. Trends in the history of science. Cham: Birkhäuser, 2016, pp. 1–8. DOI: 10.1007/978-3-319-39649-1\_1.

- [25] Henrik Kragh Sørensen. “Appropriating role models for the mathematical profession: Biographies in the *American Mathematical Monthly* around 1900”. In: *Historiography of Mathematics in the 19th and 20th Centuries*. Ed. by Volker R. Remmert, Martina R. Schneider, and Henrik Kragh Sørensen. Trends in the history of science. Cham: Birkhäuser, 2016, pp. 79–108. DOI: 10.1007/978-3-319-39649-1\_5.
- [26] Henrik Kragh Sørensen. “‘The End of Proof’? The integration of different mathematical cultures as experimental mathematics comes of age”. In: *Mathematical Cultures. The London Meetings 2012–2014*. Ed. by Brendan Larvor. Trends in the history of science. Birkhäuser, 2016, pp. 139–160. DOI: 10.1007/978-3-319-28582-5\_9.
- [27] Henrik Kragh Sørensen. “Danske matematikeres hjælp til flygtninge fra nazismen”. In: *Nazismen, universiteterne og videnskaben i Danmark*. Ed. by Niklas Olsen, Karl Christian Lammers, and Palle Roslyng-Jensen. Danish Humanist Texts and Studies 51. København: Museum Tusulanums Forlag, 2015, pp. 213–242.
- [28] Henrik Kragh Sørensen. “Er det matematiske bevis ved at dø ud?” In: *Fremtiden*. Ed. by Ole Høiris. Aarhus: Aarhus Universitetsforlag, 2013, pp. 99–132.
- [29] Henrik Kragh Sørensen. “Gennem kaninhullet. Hvordan et menneskeskabt monster medvirkede til at matematikken blev moderne”. In: *Matematiske mysterier. Historien, forklaringerne og løsningerne*. Ed. by Hans Anton Salomonsen. Aarhus: Aarhus Universitetsforlag, 2013, pp. 35–54.
- [30] Henrik Kragh Sørensen. “Reading Mittag-Leffler’s biography of Abel as an act of mathematical self-fashioning”. In: *The History of the History of Mathematics. Case Studies for the Seventeenth, Eighteenth and Nineteenth Centuries*. Ed. by Benjamin Wardhaugh. Oxford et al.: Peter Lang, 2012, pp. 115–144. ISBN: 978-3-0343-0708-6.
- [31] Henrik Kragh Sørensen. “At begribe det ubegribelige: Matematikkens antikke verden”. In: *Antikkens Verden. Videnskab, kunst, kultur, myter og religion*. Ed. by Ole Høiris and Birte Poulsen. Aarhus: Aarhus Universitetsforlag, 2011, pp. 121–136.
- [32] Henrik Kragh Sørensen. “Matematik på det store lærred: Stereotyper om matematik og matematikere eksemplificeret ved tre nyere amerikanske film”. In: *Fra laboratoriet til det store lærred*. Ed. by Kristian Danielsen and Laura Søvsø Thomasen. RePoSS: Research Publications on Science Studies 13. Aarhus: Department of Science Studies, University of Aarhus, Jan. 2011, pp. 40–58. URL: <http://www.css.au.dk/reposs>.
- [33] Henrik Kragh Sørensen. “Exploratory experimentation in experimental mathematics: A glimpse at the PSLQ algorithm”. In: *PhiMSAMP. Philosophy of Mathematics: Sociological Aspects and Mathematical Practice*. Ed. by Benedikt Löwe and Thomas Müller. Texts in Philosophy 11. London: College Publications, 2010, pp. 341–360. URL: <http://www.lib.uni-bonn.de/PhiMSAMP/Book/>.
- [34] Henrik Kragh Sørensen. “Relations between mathematics and theology: Theological aspects of the notion of infinity in the history of mathematics”. In: *God — a Mathematician?* Ed. by Helge Kragh and Marie Vejrup Nielsen. Proceedings of the Danish Science-Theology Forum 5. Aarhus: University of Aarhus, Oct. 2010, pp. 27–70. ISBN: 978-87-993982-0-1.
- [35] Henrik Kragh Sørensen. “Tusind Engle på et Knappenålshoved: Matematikken i Middelalderen”. In: *Middelalderens Verden: Verdensbilledet, tænkningen, rummet og religionen*. Ed. by Ole Høiris and Per Ingesman. Århus: Aarhus Universitetsforlag, 2010, pp. 91–104.
- [36] Henrik Kragh Sørensen. “‘Denne sætning kan ikke bevises’: Da matematikken blev moderne”. In: *Modernitetens Verden: Tiden, videnskab, historien og kunst*. Ed. by Ole Høiris and Thomas Ledet. Århus: Aarhus Universitetsforlag, 2009, pp. 251–263.



- [37] Henrik Kragh Sørensen. “Representations as means and ends: Representability and habituation in mathematical analysis during the first part of the nineteenth century”. In: *New Perspectives on Mathematical Practices: Essays in Philosophy and History of Mathematics*. Ed. by Bart Van Kerkhove. New Jersey etc.: World Scientific, 2009, pp. 114–137. ISBN: 978-981-281-222-3.
- [38] Henrik Kragh Sørensen. “Romantikens ligninger — matematikkens genier”. In: *Romantikens Verden: Natur, menneske, samfund, kunst og kultur*. Ed. by Ole Høiris and Thomas Ledet. Århus: Aarhus Universitetsforlag, 2008, pp. 551–566. ISBN: 978-87-7934-246-0.
- [39] Henrik Kragh Sørensen. “Abel, Niels Henrik”. In: *New Dictionary of Scientific Biography*. Ed. by Noretta Koertge. Vol. 1. Detroit etc.: Thomson Gale, 2007, pp. 5–8.
- [40] Henrik Kragh Sørensen. “Matematik og statistik”. In: *Lys over Landet, 1850–1920*. Ed. by Peter C. Kjærgaard. Dansk Naturvidenskabs Historie 3. Aarhus: Aarhus Universitetsforlag, 2006. Chap. 7, pp. 193–216. ISBN: 87-7934-170-5.
- [41] Henrik Kragh Sørensen. “Matematik, statistik og datalogi”. In: *Viden uden grænser, 1920–1970*. Ed. by Henry Nielsen and Kristian Hvidtfelt Nielsen. Dansk Naturvidenskabs Historie 4. Aarhus: Aarhus Universitetsforlag, 2006. Chap. 6, pp. 105–124. ISBN: 87-7934-171-3.
- [42] Henrik Kragh Sørensen. “Niels Henrik Abel’s Political and Professional Legacy in Norway”. In: *Perspectives on Scandinavian Science in the Early Twentieth Century*. Ed. by Reinhard Siegmund-Schultze and Henrik Kragh Sørensen. The Norwegian Academy of Science and Letters, I. Mat.-Nat. Klasse. Skrifter og avhandlinger 1. Oslo: Novus forlag, 2006, pp. 197–219. ISBN: 978-82-7099-442-7.
- [43] Henrik Kragh Sørensen. “Eksakte videnskaber — mere eller mindre: De matematiske videnskaber”. In: *Natur, Nytte og Ånd, 1730–1850*. Ed. by Helge Kragh. Dansk Naturvidenskabs Historie 2. Aarhus: Aarhus Universitetsforlag, 2005. Chap. 9, pp. 293–301. ISBN: 87-7934-168-3.

### Reviews in academic journals

- [44] Laura Søvsø Thomasen and Henrik Kragh Sørensen. “Review of Rüdiger Campe, ‘The Game of Probability: Literature and Calculation from Pascal to Kleist’, Stanford: Stanford University Press, 2012”. *British Journal for the History of Science*, vol. 47, no. 4 (2014), pp. 727–728.
- [45] Henrik Kragh Sørensen. “Ebbinghaus, Heinz-Dieter [Peckhaus, Volker]: Ernst Zermelo. An approach to his life and work. In cooperation with Volker Peckhaus. Berlin: Springer (ISBN 978-3-540-49551-2/hbk). xiv, 356 p. EUR 49.95/net; SFR 82.00; \$ 64.95; £38.50 (2007)”. *Zentralblatt MATH*, no. Zbl 1176.01011 (2010).
- [46] Henrik Kragh Sørensen. “Hawkins, Thomas: Frobenius and the symbolic algebra of matrices. *Arch. Hist. Exact Sci.* 62, No. 1, 23–57 (2008)”. *Zentralblatt MATH*, no. Zbl 1169.01012 (2009).
- [47] Henrik Kragh Sørensen. “Et helt liv — i og for matematikken”. *Historisk tidsskrift*, vol. 87, no. 4 (2008), pp. 717–722.
- [48] Henrik Kragh Sørensen. “Lumiste, Ülo; Piirimäe, Helmut [Peetre, Jaak; Rohde, Staffan]: Sven Dimberg, an introducer of Newton’s Principia into the University of Tartu in the 1690s. I. Translation by Jaak Peetre and Staffan Rohde with annotations. (Swedish. English summary). *Normat* 53, No. 4, 155–172 (2005)”. *Zentralblatt MATH*, no. Zbl 1128.01016 (2008).
- [49] Henrik Kragh Sørensen. “Matematikhistorie som mål eller middel? Matematikhistorie til brug i gymnasiets matematikundervisning”. *MONA*, no. 2 (June 2008), pp. 83–86.

- [50] Henrik Kragh Sørensen. “Karen H. Parshall and Adrian C. Rice, eds., *Mathematics Unbound: The Evolution of an International Mathematical Research Community, 1800–1945* (American Mathematical Society; London Mathematical Society, 2002). 406 pp. hc. ISBN 0-8218-2124-5”. *Centaurus*, vol. 49, no. 2 (2007), pp. 179–181.
- [51] Henrik Kragh Sørensen. “Oliveri, Gianluigi: Mathematics as a quasi-empirical science. *Found. Sci.* 11, No. 1–2, 41–79 (2006)”. *Zentralblatt MATH*, no. Zbl 1124.00006 (2007).
- [52] Henrik Kragh Sørensen. “Houzel, Christian: The work of Niels Henrik Abel, in Laudal, Olav Arnfinn (ed.) et al., *The legacy of Niels Henrik Abel. Papers from the Abel bicentennial conference*, University of Oslo, Oslo, Norway, June 3–8, 2002. Berlin: Springer (ISBN 3-540-43826-2/hbk). 21-177 (2004)”. *Zentralblatt MATH*, no. Zbl 1077.01013 (2006). URL: <http://www.emis.de/MATH-item?1077.01013>.
- [53] Henrik Kragh Sørensen. “Olav Arnfinn Laudal and Ragni Piene (eds.), *The Legacy of Niels Henrik Abel* (Berlin: Springer, 2004). 784 pp. hc. €79.95. ISBN 3-540-43826-2.” *Centaurus*, vol. 48, no. 1 (2006), pp. 66–67.
- [54] Henrik Kragh Sørensen. “Schubring, Gert: *Conflicts between generalization, rigor and intuition. Number concepts underlying the development of analysis in 17th–19th century France and Germany*. Sources and Studies in the History of Mathematics and Physical Sciences. New York, NY: Springer (ISBN 0-387-22836-5/hbk). xiv+678p. €119.95; sFr. 203.00, £92.50; \$129.00 (2005)”. *Zentralblatt MATH*, no. Zbl 1086.01001 (2006). URL: <http://www.emis.de/MATH-item?1086.01001>.
- [55] Henrik Kragh Sørensen. “Tent, M. B. W.: *The prince of mathematics: Carl Friedrich Gauss*. Wellesley, MA: A K Peters (ISBN 1-56881-261-2/hbk). xviii+245p. \$27.95 (2006)”. *Zentralblatt MATH*, no. Zbl 1098.01009 (2006).
- [56] Henrik Kragh Sørensen. “Bodil Branner; Jesper Lützen (eds.), *Caspar Wessel: On the Analytical Representation of Direction* (Copenhagen: The Royal Danish Academy of Sciences and Letters, 1999). 143 pp. pb. DKK 500. ISBN 87-7876-158-1. Jesper Lützen (ed.), *Around Caspar Wessel and the Geometric Representation of Complex Numbers* (Copenhagen: The Royal Danish Academy of Sciences and Letters, 2001). 293 pp. pb. DKK 300. ISBN 87-7876-236-7”. *Centaurus*, vol. 47, no. 1 (2005), pp. 73–74.
- [57] Henrik Kragh Sørensen. “C. C. Heyde; Eugene Seneta (eds.), *Statisticians of the Centuries* (Heidelberg: Springer, 2001). 500 pp. pb. DM 96. ISBN 0-387-95283-7”. *Centaurus*, vol. 46, no. 2 (2004), pp. 175–176.
- [58] Anita Kildebæk Nielsen and Henrik Kragh Sørensen. “Reinhard Siegmund-Schultze, *Rockefeller and the Internationalization of Mathematics between the Two World Wars: Documents and Studies for the Social History of Mathematics in the 20th Century* (Basel et al.: Birkhäuser Verlag, 2001). 341 pp. hc. ISBN 3-7643-6468-8”. *Centaurus*, vol. 44, no. 3–4 (2002), pp. 189–190.

### Accepted manuscripts

- [59] Kristian Danielsen, Emilie Gertz, and Henrik Kragh Sørensen. “Facilitating source-centered history of mathematics in Danish upper-secondary mathematics education”. Paper presented in TSG25 at ICME 2016 in Hamburg. 2017. Accepted.
- [60] Henrik Kragh Sørensen. “Studying appropriations of past lives. Using metabiographical approaches in the history of mathematics”. 2017. Accepted.
- [61] Mikkel Willum Johansen and Henrik Kragh Sørensen. “Videnskabsteori relevant for matematikere: Hvordan man kan få epistemologi og etik til at mødes”. 2016. Accepted.
- [62] Henrik Kragh Sørensen. “A Newcomer with Traditions and Ambitions: Organizing an international Congress of Mathematicians in Norway”. Book chapter. Jan. 2012. Submitted.

## Selection of other publications

- [63] Kristian Danielsen and Henrik Kragh Sørensen. “Kildecntreret matematikhistorie: Herons formel”. *LMFK-bladet*, no. 1 (Jan. 2017), pp. 14–15. URL: [http://lmfk.dk/artikler/data/artikler/1701/1701\\_14.pdf](http://lmfk.dk/artikler/data/artikler/1701/1701_14.pdf).
- [64] Jeanette M. Axelsen, Kristian Danielsen, and Henrik Kragh Sørensen. “Kildecntreret matematikhistorie: Reportage fra et forløb og en konference”. *LMKF-bladet*, vol. 4–5 (Sept. 2016), pp. 22–25.
- [65] Henrik Kragh Sørensen. “70 — et fuldt liv eller fuld af liv?” *Steno Musen*, vol. 70 (Oct. 2016), pp. 1–3.
- [66] Henrik Kragh Sørensen. *Herons formel i matematikhistorisk lys*. Video: SCIENCE foredrag. Nov. 2016. URL: <http://video.ku.dk/herons-formel-i-matematikhistorisk-lys>.
- [67] Henrik Kragh Sørensen. *Kildecntreret matematikhistorie i praksis: En kort indføring i matematikhistorisk metode*. RePoSS: Research Publications on Science Studies 38. Aarhus: Centre for Science Studies, University of Aarhus, Apr. 2016. URL: <http://www.css.au.dk/reposs>.
- [68] Kristian Danielsen, Morten Misfeldt, and Henrik Kragh Sørensen. *Picks Sætning: Inspiration til undervisning om eksperimenterende udforskning i matematik med et videnskabsteoretisk sigte*. RePoSS: Research Publications on Science Studies 27. Aarhus: Centre for Science Studies, University of Aarhus, Oct. 2014. URL: <http://www.css.au.dk/reposs>.
- [69] Kristian Danielsen and Henrik Kragh Sørensen. “Autentisk og relevant matematikhistorie”. *LMFK-bladet*, no. 3 (2014), p. 34. URL: [http://www.lmfk.dk/artikler/data/artikler/1403/1403\\_34.pdf](http://www.lmfk.dk/artikler/data/artikler/1403/1403_34.pdf).
- [70] Henrik Kragh Sørensen. “Matematik under nazismen”. *Weekendavisen*, no. 34 (Aug. 22, 2014): *Ideer*, pp. 12–13.
- [71] Henrik Kragh Sørensen and Thomas Britz. *LEGO proof: A LEGO proof of the identity  $1^2 + 2^2 + \dots + n^2 = \frac{1}{6}n(n+1)(2n+1)$* . YouTube video. Jan. 2014. URL: <https://www.youtube.com/watch?v=p8dL7kHMsII>.
- [72] Tinne Hoff Kjeldsen and Henrik Kragh Sørensen. “Problem oriented project work in history of mathematics: Report from a PhD summer course”. *BSHM Bulletin: Journal of the British Society for the History of Mathematics*, vol. 28, no. 1 (Jan. 2013), pp. 59–63. DOI: 10.1080/17498430.2013.729922.
- [73] Henrik Kragh Sørensen. “En dialog mellem matematikkens historie og videnskabsteori”. *LMFK-bladet*, no. 6 (Nov. 2013), pp. 20–21.
- [74] Henrik Kragh Sørensen. “Stenomusen runder de 60 numre”. *StenoMusen*, vol. 60 (June 2013), pp. 1, 16–19. URL: <http://www.stenomuseet.dk/informa/pdf/stenomusen60.pdf>.
- [75] Henrik Kragh Sørensen. *Making philosophy of science relevant for science students*. RePoSS: Research Publications on Science Studies 18. Aarhus: Centre for Science Studies, University of Aarhus, Jan. 2012. URL: <http://www.css.au.dk/reposs>.
- [76] Henrik Kragh Sørensen. “Confluences of Agendas: German Refugees and Mathematics in Denmark, 1933–1945”. *Oberwolfach Reports*, no. 51 (2011). MFO workshop 1144, pp. 61–65. URL: <http://www.mfo.de/occasion/1144>.
- [77] Jesper Lützen and Henrik Kragh Sørensen. “Introduction: In honour of Kirsti Andersen”. *Centaurus*, vol. 52, no. 1 (2010), pp. 1–3.
- [78] Henrik Kragh Sørensen. “ $50 = 2\frac{1}{2} \times 20 = L = 5^2 + 5^2 = 1^2 + 7^2 = \dots$ ”. *StenoMusen*, vol. 50 (June 2010), pp. 1, 13.

- [79] Henrik Kragh Sørensen. “Experimental mathematics in the 1990s: A second loss of certainty?” *Oberwolfach reports*, no. 12 (2010), pp. 601–604. DOI: 10.4171/OWR/2010/12.
- [80] Henrik Kragh Sørensen. *The Mathematics of Niels Henrik Abel: Continuation and New Approaches in Mathematics During the 1820s*. RePoSS: Research Publications on Science Studies 11. Aarhus: Centre for Science Studies, University of Aarhus, Oct. 2010. URL: <http://www.css.au.dk/reposs>.
- [81] Hanne Andersen, Louis Klostergaard, Henrik Knudsen, Helge Kragh, Keld Nielsen, Kurt Møller Pedersen, and Henrik Kragh Sørensen. “Vedkommende videnskabsteori”. *Aktuel Naturvidenskab*, no. 1 (2009), pp. 32–35.
- [82] Henrik Kragh Sørensen. “23rd International Congress of the IUPHS”. *Viewpoint: Newsletter of the British Society for the History of Science*, no. 90 (Oct. 2009), p. 10. ISSN: 1751-8261.
- [83] Henrik Kragh Sørensen. *For hele Norges skyld: Et causeri om Abel og Darwin*. RePoSS: Research Publications on Science Studies 3. Foredrag holdt ved AbelSeminarret, Gjerstad, 26. september 2009. Århus: Department of Science Studies, University of Aarhus, Sept. 2009. URL: <http://www.css.au.dk/reposs>.
- [84] Henrik Kragh Sørensen. “Aksel Frederik Andersen (1891–1972)”. In: *The First Century of the International Commission on Mathematical Instruction (1908–2008): Portrait Gallery*. Ed. by Fulvia Furinghetti and Livia Giacardi. 2008. URL: <http://www.icmihistory.unito.it/portrait/andersen.php>.
- [85] Henrik Kragh Sørensen. “En matematisk student krydser sit spor: Tværfaglighed på ÅSG, 1998–2008”. In: *50 Århus Statsgymnasium*. Ed. by Ole Bøttzauw, Anton Vinderslev, Marianne Høgsgaard, Janne Yde, and Anne Merete Frederiksen. Århus: Århus Statsgymnasium, 2008, pp. 46–47.
- [86] Henrik Kragh Sørensen. “Poul Heegaard (1871–1948)”. In: *The First Century of the International Commission on Mathematical Instruction (1908–2008): Portrait Gallery*. Ed. by Fulvia Furinghetti and Livia Giacardi. 2008. URL: <http://www.icmihistory.unito.it/portrait/heegaard.php>.
- [87] Helge S. Kragh and Henrik Kragh Sørensen. “Longomontanus og Descartes: Et Møde i København 1631”. *Meddelelser fra Ole Rømers Venner*, vol. 15, no. 1 (2007), pp. 57–69.
- [88] Henrik Kragh Sørensen. “Ti gange fire er fyrré”. *StenoMusen*, vol. 40 (Dec. 2007), pp. 1, 3.
- [89] Henrik Kragh Sørensen and Helge S. Kragh. “Longomontanus og cirkelns kvadratur: Talmystik, matematik og kontrovers”. *Normat*, vol. 55, no. 3 (2007), pp. 97–118. ISSN: 0801-3500.
- [90] Reinhard Siegmund-Schultze and Henrik Kragh Sørensen. “Perspectives on Scandinavian Science in the Early Twentieth Century: An Introduction”. In: *Perspectives on Scandinavian Science in the Early Twentieth Century*. Ed. by Reinhard Siegmund-Schultze and Henrik Kragh Sørensen. The Norwegian Academy of Science and Letters, I. Mat.-Nat. Klasse. Skrifter og avhandlinger 1. Oslo: Novus forlag, 2006, pp. 11–18. ISBN: 978-82-7099-442-7.
- [91] Henrik Kragh Sørensen. “En udstrakt broderlig hånd: Skandinaviske matematikerkongresser indtil slutningen af 1. verdenskrig”. *Normat*, vol. 54, no. 1–2 (2006), pp. 1–17, 49–60. ISSN: 0801-3500.
- [92] Henrik Kragh Sørensen. “Matematik i det offentlige satiriske rum for hundrede år siden”. *Matilde: Nyhedsbrev for Dansk Matematisk Forening*, vol. 25 (Dec. 2005), pp. 17–23, 25, 32.

- [93] Henrik Kragh Sørensen. “Habituation and representation of elliptic functions in Abel’s mathematics”. *Oberwolfach Reports*, no. 51 (2004), pp. 2750–2752.
- [94] Henrik Kragh Sørensen. “Fra mørsere og muddermaskiner til “Den Mægtige”: *Videnskabernes Selskabs* prisopgaver i matematik 1768–1866”. *Matilde: Nyhedsbrev for Dansk Matematisk Forening*, vol. 15 (Mar. 2003), pp. 22–26.
- [95] Henrik Kragh Sørensen. “Niels Henrik Abel: Transformation and continuity of mathematics in the 1820s”. In: *Mathematics throughout the ages*. History of mathematics 17. [Proceedings of the 10th and 11th *Novembertagung*]. Research centre for the history of sciences and the humanities, Prague, 2001, pp. 178–185.
- [96] Henrik Kragh Sørensen. “Theorems with exceptions and the use of proof”. In: *9. Novembertagung zur Geschichte der Mathematik. Nijmegen, 29.X – 1.XI 1998*. Ed. by Danny Beckers, Katja Peters, and Carsten Vollmers. Nijmegen: Department of Mathematics, University of Nijmegen, 1999, pp. 39–42.

A complete and constantly updated list of publications can be found online at <http://www.henrikkragh.dk/cv>.