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## Short presentation

Rasmus K. Rendsvig is post.doc. at the Center for Information and Bubble Studies, University of Copenhagen.

His primary research interests relates to the interplay of information and interaction in social contexts with a special focus on social influence.

He wrote his Ph.D. thesis at Lund University in theoretical philosophy on the topic of logical modeling of information dynamics.

## Qualifications

Philosophy and mathematics, Master of Arts, Roskilde University  
Award Date: 7 Mar 2012

## Employment

### Assistant professor

Department of Communication

København S, Denmark

15 Mar 2020 → 26 Jun 2022

### PhD Fellow

Lund University

Lund, Sweden

1 Feb 2014 → 31 Jan 2018

## Publications

### Converging on Common Knowledge

Klein, D. & Rendsvig, Rasmus Kræmmer, Jul 2019, *Proceedings of the Twenty-Eight International Joint Conference on Artificial Interlligence (IJCAI-19)*. Kraus, S. (ed.). p. 1741--1748 8 p.

### Kend din gruppes adfærd

Hendricks, Vincent F & Rendsvig, Rasmus Kræmmer, 7 Mar 2019, *LIKE : Shitstorme, fake news, fear of missing out. What's not to like?*. Mehlsen, C. & Hendricks, V. F. (eds.). Center for Information og Boblestudier (CIBS), p. 30-39 9 p.

### Kend dine normer

Hendricks, Vincent F & Rendsvig, Rasmus Kræmmer, 7 Mar 2019, *LIKE: Shitstorme, fake news, fear of missing out. What's not to like?*. Mehlsen, C. & Hendricks, V. F. (eds.). Center for Information og Boblestudier (CIBS), p. 22-29 7 p.

### Intensional Protocols for Dynamic Epistemic Logic

van Lee, H. S., Rendsvig, Rasmus Kræmmer & van Wijk, S., 1 Jan 2019, In : *Journal of Philosophical Logic*. 48, 6, p. 1077-1118

### **Dynamic Epistemic Logics of Diffusion and Prediction in Social Networks**

Baltag, A., Christoff, Z., Rendsvig, Rasmus Kræmmer & Smets, S., 2019, In : *Studia Logica: An International Journal for Symbolic Logic*. 107, 3, p. 489-531 43 p.

### **Dynamic Term-Modal Logic for Epistemic Social Network Dynamics**

Lieberman, A. O. & Rendsvig, Rasmus Kræmmer, 2019, *Logic, Rationality, and Interaction. LORI 2019.* Springer, Vol. 11813. p. 168-182 15 p. (Lecture Notes in Computer Science).

### **Epistemic Logic**

Rendsvig, Rasmus Kræmmer & Symons, J., 2019, In : *Stanford Encyclopedia of Philosophy*. Summer 2019 Edition

### **Improving Judgment Reliability in Social Networks via Jury Theorems**

Galeazzi, P., Rendsvig, Rasmus Kræmmer & Slavkovik, M., 2019, *Logic, Rationality, and Interaction. LORI 2019.* Springer, Vol. 11813. p. 230-243 14 p. (Lecture Notes in Computer Science).

### **Hintikka's Knowledge and Belief in Flux**

Hendricks, Vincent F & Rendsvig, Rasmus Kræmmer, 2 Feb 2018, *Jaakko Hintikka on Knowledge and Game-Theoretical Semantics*. van Ditmarsch, H. & Sandu, G. (eds.). Cham: Springer, p. 317-337 21 p. (Outstanding Contributions to Logic, Vol. 12).

### **Logical Dynamics and Dynamical Systems**

Rendsvig, Rasmus Kræmmer, 2018, Lund: Lund University Publications. 226 p.

### **Turing Completeness of Finite, Epistemic Programs**

Klein, D. & Rendsvig, Rasmus Kræmmer, 21 Jun 2017, In : *arXiv.org*.

### **Convergence, Continuity and Recurrence in Dynamic Epistemic Logic**

Klein, D. & Rendsvig, Rasmus Kræmmer, 2017, *Logic, Rationality and Interaction: LORI 2017*. Baltag, A., Seligman, J. & Yamada, T. (eds.). Berlin: Springer, p. 108-122 15 p. (Lecture notes in computer science; No. 10455).

### **The Philosophy of Distributed Information**

Hendricks, Vincent F & Rendsvig, Rasmus Kræmmer, 10 Jul 2016, *The Routledge Handbook of Philosophy of Information*. Floridi, L. (ed.). London: Routledge, p. 120-136 17 p.

### **BREXIT, Trump og det postfaktuelle demokrati**

Vestergaard, Mads, Hendricks, Vincent F, Pedersen, D. B. & Rendsvig, Rasmus Kræmmer, 30 Jun 2016, In : *Raeson*.

### **Readings in Formal Epistemology: Sourcebook**

Arló-Costa, H. (ed.), Hendricks, Vincent F (ed.), Benthem, J. V. (ed.), Boensvang, H. (ed.) & Rendsvig, Rasmus Kræmmer (ed.), 2016, Cham: Springer. 960 p. (Springer graduate texts in philosophy, Vol. 1).

### **Model Transformers for Dynamical Systems of Dynamic Epistemic Logic**

Rendsvig, Rasmus Kræmmer, 19 Nov 2015, *Logic, Rationality, and Interaction: 5th International Workshop, LORI 2015, Taipei, Taiwan, October 28-30, 2015. Proceedings*. van der Hoek, W., Holliday, W. H. & Wang, W. (eds.). Berlin: Springer, p. 316-327 12 p. (Lecture notes in computer science, Vol. 9394).

### **Politiske bobler gør valget til et cirkus**

Hendricks, Vincent F, Vestergaard, Mads & Rendsvig, Rasmus Kræmmer, 2 Jun 2015, In : *Politiken*. 2. sektion, p. 5-6 2 p.

### **Når politikere bobler**

Hendricks, Vincent F, Rendsvig, Rasmus Kræmmer & Vestergaard, Mads, 3 May 2015, In : *Kommunen*.

### **Ønsker du hjælp: Fald om på en stille villavej**

Hendricks, Vincent F, Hansen, P. G., Rendsvig, Rasmus Kræmmer & Boensvang, H., 26 Dec 2014, In : *Berlingske Tidende*. p. 24-24 1 p.

**Diffusion, Influence and Best-Response Dynamics in Networks: An Action Model Approach**

Rendsvig, Rasmus Kræmmer, 4 Aug 2014, In : arXiv.org.

**Pluralistic ignorance in the bystander effect: informational dynamics of unresponsive witnesses in situations calling for intervention**

Rendsvig, Rasmus Kræmmer, 1 Jul 2014, In : Synthese. 191, 11, p. 2471-2498 28 p.

**Aggregated beliefs and informational cascades**

Rendsvig, Rasmus Kræmmer, 30 Oct 2013, In : Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics). p. 337-341 5 p.

**Modeling semantic competence: A critical review of Frege's puzzle about identity**

Rendsvig, Rasmus Kræmmer, 11 Sep 2012, *New Directions in Logic, Language and Computation - ESSLLI 2011, Student Sessions, Selected Papers*. p. 140-157 18 p. (Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), Vol. 7415 LNCS).

**Using quantified epistemic logic as a modeling tool in cognitive neuropsychology**

Rendsvig, Rasmus Kræmmer, 1 Jan 2012, In : CEUR Workshop Proceedings. 883, p. 48-59 12 p.