

## European Philosophy of Science Association, 23–26 September

The 5th Conference of the European Philosophy of Science Association (EPSA15) took place at the Heinrich Heine University Düsseldorf from 23–26 September. It was hosted by the Düsseldorf Center for Logic and Philosophy of Science (DCLPS). This was the first time one of the EPSA conferences took place in Germany. One of the conference's main aims was to bring together philosophers of science as well as philosophically minded scientists from Europe, but also from overseas. The conference featured contributed papers, symposia, and posters covering all subfields of philosophy of science. EPSA15 had more than 280 participants, which is—as far as we know—the highest number of participants among past EPSA conferences. These participants came from 18 European and 6 non-European countries. There were 3 plenary lectures, 108 contributed papers (50% of the all in all 26 sessions were on General Philosophy of Science and Philosophy of the Natural Sciences), 18 contributed symposia (with 78 symposia talks), and—for the first time—a poster session with 16 poster presentations. In addition, there were 3 pre-events (with 10 talks) organized by the European Network for the Philosophy of the Social Sciences (ENPOSS), the Philosophy of Social Science Roundtable, and the Philosophy of Mathematics Association (PMA). All in all, EPSA15 featured 199 talks. Moreover, the conference hosted a very well-attended Women's Caucus and a Graduate Student Gathering. EPSA—also for the first time—donated an essay prize (value: 500 EUR) for PhD candidates. Rune Nyrup (Durham University, UK) received the prize for his paper 'Empirical Problems for Explanationism'.

The 3 plenary lectures were given by Cristina Bicchieri (University of Pennsylvania, USA), Igor Douven (Université Paris Sorbonne, France), and Marcel Weber (University of Geneva, Switzerland). Cristina Bicchieri's talk "Trendsetters and Social Change" investigated the interplay between trendsetters' actions and individual thresholds for breaking a social norm, which is required to achieve an understanding of the dynamics of social change. Whether social innovations develop and how fast this procedure obtains depends on the distribution of thresholds for breaking such norms among the individuals of the social group. Igor Douven's talk was entitled "Measuring Graded Membership: The Case of Colour". He first introduced the framework of conceptual spaces and then reported the results of a number of experiments which allowed for the definition of different colour regions. By this the accuracy of certain predictions on degrees of membership for colours could be evaluated. Marcel Weber investigated in his talk "Causality in Dynamical Biological Mechanisms" in how far causal models based on interventionist criteria can provide adequate representations of complex dynamical systems. He showed on the example of a biological clock mechanism that there are some systems which can only be approximately captured by causal models.

EPSA15 was supported by the Heinrich Heine University of Düsseldorf, the City of Düsseldorf, Springer, De Gruyter, Mentis, MIT Press, Cambridge University Press, and University of Harvard Press. We thank all of them. The co-chairs of the Program Committee were Michela Massimi (University of Edinburgh, UK) and Jan-Willem Romeijn (University of Groningen, The Netherlands). The Local Organization Committee consisted of Gerhard Schurz (chair), Alexander Christian, Chris-

tian J. Feldbacher, Alexander Gebharter, Nina Retzlaff, and Ioannis Votsis.

All in all, EPSA15 was a full success and we are looking forward to the next conference of the European Philosophy of Science Association, which will be held at the University of Exeter, UK, in 2017.

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## Non-classical Logic: Theory and Applications, 24–26 September

This year's edition of Non-classical Logic conference was organized by Department of Logic (Faculty of Humanities) of Nicolaus Copernicus University in Toruń. Twenty seven talks were presented by scholars representing twelve countries and three continents. The topics covered included: proof-theoretic semantics and compositionality (H. Wansing), proof-theoretic analysis of modal logics (N. Gratzl and E. Orlandelli), cut-elimination theorem for hybrid logics (A. Indrzejczak), tableaux systems for non-classical and modal logics (D. Leszczyńska-Jasion and A. Kupś), logic with related formulas (T. Jarmużek); logic of causality (S. Kovač), temporal logic (A.M. Karczewska), epistemic logic (E. Kubyschkina and D. Zaitsev); paraconsistent logics, their hierarchy (J. Ciuciura) and applications in foundations of mathematics (proofs of classical theorems in paraconsistent setting) (A. Nugraha); meta-theory of three-valued logics (A. Karpenko and N. Tomova), default classicality and Kleene logics (R. Ciuni and M. Carrara), construction of three-valued doxastic logic (J. Wesserling), graded doxastic logic (B. Legastelois), logic of informal provability (P. Pawłowski and R. Urbaniak); applications of Boolean valued models to judgement aggregation (D. Eckert); conservative extension of intuitionistic logic (T. Połacik), involutive and constructive negations (M. Petrolo and P. Pistone); automation and higher order-logic (Alexander Steen and Christoph Benzmiller); applications of logic to theoretical aspects of security and engineering (the so-called distributed relation logic) (G. Allwein, W.L. Harrison, T. Reynolds) and to reasoning about the spread of a disease among a population and possible prevention against it (S. Frankowski and M. Zawidzki); applications of logic to classical problems with philosophical flavour including the sorites paradox (M. Nowak); Diodorean implication (H. Bilgili); philosophical reflections on logic-related issues like dialetheism (B. Martin); non-classical logic of quasiary predicates (M. Nikitchenko and S. Shkilniak) and finally discriminator varieties (M. Campercholi, M. Stronkowski and D. Vagione).

The next, 8th edition of NCL will be organized by Department of Logic and Methodology of Sciences at University of Łódź, Poland.

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## Calls for Papers

UNCERTAIN REASONING: special issue of *International Journal of Approximate Reasoning*, deadline 16 November.