

The **University of Cologne** and the **Institute of Energy Economics at the University of Cologne (EWI)**, Germany, invite applications from advanced Master and Ph.D. students for

Cologne International Energy Summer School (CIESS) in Energy/Environmental Economics and Informatics July 22 – July 26, 2019, Cologne, Germany

The Cologne International Energy Summer School (CIESS) aims at bringing together distinguished scholars and young researchers in the field of energy and environmental economics to discuss research advances and relevant policy issues. The CIESS is a Summer School with emphasis on scientific interaction and exchange of thoughts. In particular, it provides a platform for graduate students to present and discuss their work with senior researchers and other graduate students. Young researchers are given the opportunity to develop a network and are exposed to current issues in their research field.

Schedule

The CIESS consists of three complementing parts. The first part contains lectures by **Prof. Srinivasan Keshav** (Cheriton School of Computer Science, University of Waterloo, Canada) on *“Blockchain, Storage, and Demand-Side Management”*. Furthermore, **Prof. Haldun Aytug** (Warrington College of Business, University of Florida, USA) will give a lecture about *“Bayesian and Reinforcement Learning, and their applications to Smart Cities”*. Finally, participants will be presenting their own work and receive feedback from the lecturers and senior researchers. On July 26 the workshop on *Policy, Awareness, Sustainability, and Systems (PASS)* will take place and will be led by **Prof. Dr. Wolfgang Ketter**, Director of the Institute of Energy Economics at the University of Cologne (EWI). The PASS workshop is an initiative Workshop for Information Technology and Systems to encourage research in terms of problem domains, technological and methodological scope and its potential impact. For further information please follow the [link](#). We are also hosting the 2019 [Power TAC](#) World Championship in Retail Energy Trading. The Power Trading Agent Competition (TAC) is a competitive simulation of future retail electric power markets, in which the competitors are retail "brokers" who buy and sell power in both wholesale and retail markets. The award ceremony will be held during the PASS Workshop.

Applicants

Applicants must be seeking a Ph.D. degree or in advanced stage of his/her Master studies, and have conducted independent research. All students in the fields of energy economics, information systems, industrial organization and public economics with strong interest in energy and environmental issues are encouraged to apply. PhD Students are expected to participate in all activities throughout the week.

Submission

Master and Ph.D. students interested in participating in the workshop are invited to submit their article or extended abstract and CV by **May 15, 2019**, to energy-summer@ewi.uni-koeln.de. Notifications of acceptances or rejections will be made by **May 31, 2019**.

Registration and Financial Support

There is no registration fee, however, the space is limited and will be provided on first come, first served basis. The participants of the PASS workshop will be provided accommodations for one night. A limited number of grants covering travel expenditures up to € 500 are available. Please indicate in your application whether you wish to apply for the travel grant.

Scientific and Organizing Committee

Prof. Dr. Wolfgang Ketter, Director of the Institute of Energy Economics at the University of Cologne (EWI), Prof. Dr. Marc Oliver Bettzüge Director of the Institute of Energy Economics at the University of Cologne (EWI)

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