LINZ 2013

34th Linz Seminar on Fuzzy Set Theory

Non-Classical Measures and Integrals

Bildungszentrum St. Magdalena, Linz, Austria
February 26 - March 2, 2013

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CALL FOR PAPERS

Since their inception in 1979 the Linz Seminars on Fuzzy Sets have emphasized the development of mathematical aspects of fuzzy sets by bringing together researchers in fuzzy sets and established mathematicians whose work outside the fuzzy setting can provide direction for further research. The philosophy of the seminar has always been to keep it deliberately small and intimate so that informal critical discussions remain central.

LINZ 2013 will be the 34th seminar carrying on this tradition and is devoted to the theme "Non-Classical Measures and Integrals". The goal of the seminar is to present and to discuss recent advances in non-classical measure theory and corresponding integrals and their various applications in pure and applied mathematics.

Accordingly, the topics of the Seminar will include but not be limited to:

- Non-classical measures
- Non-classical integrals
- Integral inequalities
- Convergence theorems
- Extensions of measures
- Generalized probabilities
- Relations to game theory

The following invited speakers (in alphabetic order) have already confirmed their participation:

- Anatolij Dvurečenskij, Slovak Academy of Sciences (Bratislava, Slovakia)
- Michel Grabisch, University Paris 1, Sorbonne (Paris, France)
- Silvano Holzer, Università degli Studi di Trieste (Trieste, Italy)
- Tomáš Kroupa, Czech Academy of Sciences (Prague, Czech Republic)
- Jun Li, Communication University of China (Beijing, China)
- Kazimierz Musial, Wrocław University (Wrocław, Poland)

The "Linz" tradition has these key features: the number of participants of the Linz Seminars is usually bounded above by 40 with broad international representation and a mix of pure and applied interests; there are no parallel sessions so that all participants focus on each presentation and fully engage in each topic; and there is enough time for discussion of each presentation, with follow-up round tables for discussion of open problems and issues raised in the talks.

Please send your extended abstract (1 – 4 pages) until November 30, 2012 to `linz2013@flll.jku.at`
Further Information:
http://www.flll.jku.at/div/research/linz2013/index.html