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SYNTAX MEETS SEMANTICS (SYSMICS 2016)

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5-9 September 2016, Barcelona (Spain)

<http://sysmics-16.iiia.csic.es/>

\*\*\*\*\* SECOND CALL FOR ABSTRACTS \*\*\*\*\*

Scope

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Substructural logics are formal reasoning systems that refine classical logic by weakening structural rules in a Gentzen-style sequent calculus. Intuitionistic, many-valued, linear logics, are typical examples. Traditionally, substructural logics have been investigated using proof theoretic and algebraic methods. In recent years, combined approaches have started to emerge.

The programme of the SYSMICS conference will focus on interactions between syntactic and semantic methods in substructural logics. This conference is the first of a series of meetings planned in the SYSMICS RISE project during 2016-2019.

Featured topics

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Contributed talks can be on any topic related to substructural logic. This includes, but is not limited to, the following areas:

- \* Algebraic structures in CS
- \* Algebraic logic
- \* Coalgebraic aspects of logic
- \* Categorical methods in logic
- \* Gentzen systems
- \* Lattice theory
- \* Lattices with operators
- \* Linear logic
- \* Mathematical fuzzy logic
- \* Non-classical logics
- \* Ordered algebraic structures
- \* Proofs and Types
- \* Stone-type dualities
- \* Topological semantics

Invited Speakers

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Manuela Busaniche	(CONICET-UNL Sante Fe)
Roberto Cignoli	(University of Buenos Aires)
Josep Maria Font	(University of Barcelona)
Alessandra Palmigiano	(Delft University of Technology)
James Raftery	(University of Pretoria)
Kazushige Terui	(Kyoto University)
Constantine Tsinakis	(Vanderbilt University)
Yde Venema	(University of Amsterdam)

Open Lecture:

Daniele Mundici (University of Florence)

Programme Committee

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Stefano Aguzzoli (University of Milano)  
Nick Bezhanishvili (University of Amsterdam)  
Agata Ciabattoni (Vienna University of Technology)  
Petr Cintula (Czech Academy of Sciences)  
Pilar Dellunde (Autonomous University of Barcelona)  
Brunella Gerla (University of Insubria)  
Lluis Godo (CSIC - IIIA Barcelona)  
Ramon Jansana (University of Barcelona)  
Jan Kühr (University of Olomouc)  
Antonio Ledda (University of Cagliari)  
George Metcalfe (University of Bern)  
Carles Noguera (Czech Academy of Sciences)  
Luca Spada (University of Salerno, chair)

## Organising Committee

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Pilar Dellunde (Autonomous University of Barcelona)  
Joan Gispert (University of Barcelona)  
Ramon Jansana (University of Barcelona)  
Lluís Godó (CSIC - IIIA Barcelona, chair)  
Diego Valota (CSIC - IIIA Barcelona)

## Dates

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Deadline for submissions           30 April 2016  
Notification of acceptance        30 May 2016  
Conference dates                   5-9 September 2016

## Submissions

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The Programme Committee welcomes submissions of abstracts ranging from 2 to 4 pages.  
The abstracts should be formatted according to EasyChair style, instructions can be found at:  
<http://easychair.org/publications/easychair.zip> .  
Abstracts can be submitted at the following address:  
<https://easychair.org/conferences/?conf=sysmics2016>  
A short text-only abstract will also be requested during submission.

## Financial Support

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SYSMICS conference is sponsored by the Association for Symbolic Logic. Hence, students can apply to the ASL for travel awards. Instructions on how to do can be found on the ASL website. We also expect to be able to offer (partial) reimbursement for travel and/or registration for interested students. Please fill in the "Expression of Interest" form on the Contacts page.

## Expression of interest

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Expressions of interests will be greatly appreciated, please fill in the simple form on the conference web site under "Express Interest". This will help the Organising Committee with their planning. You can also opt-out from receiving future announcements by following the instructions on the conference web site.

## More Information

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SYSMICS 2016 web site: <http://sysmics-16.iiia.csic.es/>  
Use this site for local information, including hotel accommodations, for travel information and registration.  
Queries regarding registration, hotel accommodations, financial support and reimbursements, technology infrastructure, abstract submission guidelines, etc. should be sent to [sysmics-oc@iiia.csic.es](mailto:sysmics-oc@iiia.csic.es).  
To unsubscribe from this list, please send an email to [sysmics-oc@iiia.csic.es](mailto:sysmics-oc@iiia.csic.es) with "OPTOUT SYSMICS2016" as the subject of the message.