

## WEDNESDAY, 5 OCTOBER

12:00 – 13:30 | Registration  
13:30 – 13:45 | Welcome

### Afternoon session: **MATHEMATICS**

13:45 – 15:15	Prof. Remco <b>van der Hofstad</b> (Eindhoven) <i>The Structure of Complex Networks</i>
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15:15 – 15:45 | Coffee break

15:45 – 16:30	Prof. Dmitri <b>Krioukov</b> (Northeastern University) <i>Configuration Model and Preferential Attachment are Equivalent</i>
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16:30 – 17:15	Prof. Dr. Steffen <b>Dereich</b> (Münster) <i>Networks with Preferential Attachment</i>
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18:30	Special Lecture at CAS (Seestraße 13): Prof. Stefan <b>Thurner</b> (Vienna) <i>Managing Systemic Risk in Financial Multilayer Networks</i> Moderation: Prof. Paul Thurner (LMU)
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## THURSDAY, 6 OCTOBER

### Morning session: **INFORMATICS**

09:00 – 10:30	Dipl.-Inf. Michael <b>Sedlmair</b> , Ph.D. (Vienna) <i>Visualization: The Human Lens to Networks</i>
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10:30 – 11:00 | Coffee break

11:00 – 12:30	Prof. Aristides <b>Gionis</b> (Aalto) <i>Mining Labeled and Temporal Networks</i>
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12:30 – 14:00 | Lunch break

### Afternoon session: **STATISTICS**

14:00 – 15:30	Prof. David <b>Hunter</b> (PennState) <i>Theoretical and Computational Aspects of Exponential-Family Random Graph Models (ERGMs)</i>
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15:30 – 16:00 | Coffee break

16:00 – 17:30	Prof. David <b>Hunter</b> (PennState) (continued)
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19:00 | Conference Dinner

## FRIDAY, 7 OCTOBER

### Morning session: **APPLICATIONS**

09:00 – 10:00	Prof. Alfonso <b>Valencia</b> (Madrid) <i>Network Biology in Epigenomics</i>
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10:00 – 10:30 | Coffee break

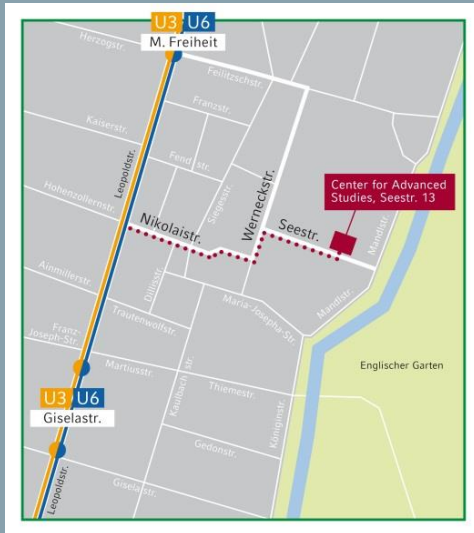
10:30 – 11:30	Prof. Trey <b>Ideker</b> (UC San Diego) <i>Using Molecular Networks to Seed Predictive Hierarchies of Cell Systems</i>
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11:30 – 12:30	Prof. Ron <b>Shamir</b> (Tel Aviv) <i>Modularity and Classification through the Network Lens</i>
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12:30 – 14:00 | Lunch discussion

The Special Lecture by Prof. Dr. Stefan Thurner (Vienna) takes place on 5 October at 18:30 at the **Center for Advanced Studies (CAS LMU)** Seestraße 13, 80802 Munich [www.en.cas.uni-muenchen.de](http://www.en.cas.uni-muenchen.de)

Please register at: [info@cas.lmu.de](mailto:info@cas.lmu.de)



This Workshop is part of the **Research Focus “Quantitative Network Science”** at the Center for Advanced Studies (CAS) and is organized conjointly with the Quantitative and Computational Systems Science Center (QCSSC). [www.qcssc.uni-muenchen.de](http://www.qcssc.uni-muenchen.de)

# What’s New in Networks?

**Building Bridges between  
Computational, Mathematical and  
Statistical Network Analysis**

**International Workshop  
5–7 October 2016**



Lecture Hall W 101  
Professor-Huber-Platz 2  
LMU Munich

