

# Multidisciplinary Venalicium: Bringing together problems and solutions across disciplines

16 June 2-6pm, People's Palace 2

The “Bridging the Gaps” market of ideas in Maths,  
Electronics, Engineering and Computer Science:  
Forging links for collaborative research

## Speakers

**Professor Ursula Martin**, the Vice-Principal of  
Science and Engineering

**Dr John Schormans**, Electronic Engineering

**Professor Christian Beck**, School of Mathematical  
Sciences

What interdisciplinary problems can be  
addressed and solved using statistical  
mechanics?

**Dr Alexander Vikhansky**, School of Engineering  
and Materials Sciences  
Numerical methods for micro-fluidics

**Dr Paulo Oliva**, Computer Science  
Proof mining: A systematic way of  
computationally analysing (non-computational)  
proofs in mathematics

**Dr John Bigham**, Electronic Engineering  
Finding equilibrium strategies in competitive  
scenarios in wireless networks

**Dr Fabian Duddeck**, School of Engineering and  
Materials Sciences  
Optimal car body design between mathematics,  
engineering, computer and material science

**Dr Raul Mondragon**, Electronic Engineering  
Definition of communities in complex networks  
and their dependence on null-models

**Dr Ioannis Patras**, Electronic Engineering  
Human sensing for understanding multimedia  
content

**Dr William Marsh**, Computer Science  
Graphical Causal Models: Introduction to  
developments in casual reasoning and possible  
application

**Dr Laurissa Tokarchuk**, Electronic Engineering  
Personal Research Dashboard: Making the social  
network paradigm work for research

*Plus many more.*

Researchers will give 10 minute presentations  
about their research interests and activities, what  
collaborations they are seeking, and what they  
can offer to others.

Refreshments and an evening wine buffet will  
be served.

**To attend or give a presentation, please email  
[tijana.timotijevic@elec.qmul.ac.uk](mailto:tijana.timotijevic@elec.qmul.ac.uk)**

## Contact:

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