

# 15th International Congress for Stereology and Image Analysis

27–30 May, 2019, Aarhus University, Denmark

Monday, 27 May

|             |  |   |
|-------------|--|---|
| 08:00–09:00 | <b>Registration</b>  |   |
| 09:00–09:15 | <b>Opening</b>   |   |
| 09:15–10:00 | <b>Keynote: Michael Klatt, USA</b><br><i>Location: Aud. F (building 1534, room 125)</i>  |   |
| 10:00–10:30 | <b>Coffee</b>  |   |
| 10:30–12:00 | <b>Minisymposium: Neurostereology and image analysis I</b><br><ol style="list-style-type: none"><li>1. Robert Sweet, USA</li><li>2. Yong Tang, China</li><li>3. Dorothy Oorschot, New Zealand</li></ol> <i>Location: Aud. F (building 1534, room 125)</i><br><i>Organiser: Dorothy Oorschot</i>                                    | <b>Minisymposium: Image analysis and stochastic modelling of materials</b><br><ol style="list-style-type: none"><li>1. Magnus Röding, Sweden</li><li>2. Dascha Dobrovolskij, Germany</li><li>3. Konstantin Hauch, Germany</li></ol> <i>Location: Aud. G2 (building 1532, room 122)</i><br><i>Organiser: Claudia Redenbach</i> |
|             | <b>Lunch in MATH canteen / ISSIA Board meeting</b><br><i>Board meeting in: Koll. G4 (building 1532, room 222)</i>  |   |
| 13:30–15:30 | <b>Minisymposium: Fibre processes and orientation maps</b><br><ol style="list-style-type: none"><li>1. Tom Dela Haije, Denmark</li><li>2. Jon Sparring, Denmark</li><li>3. David Legland, France</li><li>4. Vedrana A. Dahl, Denmark</li></ol> <i>Location: Aud. F (building 1534, room 125)</i><br><i>Organiser: Jon Sparring</i> | <b>Contributed talks: Characterization of heterogeneity and connectivity</b><br><ol style="list-style-type: none"><li>1. Johan Chaniot, France</li><li>2. Sandra Barman, Sweden</li><li>3. Xiaoyan Song, China</li></ol> <i>Location: Aud. G2 (building 1532, room 122)</i>   |
|             | <b>Coffee</b>  |   |
| 16:00–17:30 | <b>Minisymposium: Sampling in stereology</b><br><ol style="list-style-type: none"><li>1. Marcos Cruz, Spain</li><li>2. Dvorlai Wulfsohn, Chile</li><li>3. Mads Stehr, Denmark</li></ol> <i>Location: Aud. F (building 1534, room 125)</i><br><i>Organiser: Marcos Cruz</i>   |   |
| 18:30–21:00 | <b>Welcome reception with tapas at Greenhouses in Botanical Garden</b>   |   |

## Tuesday, 28 May

09:00–09:45

### Keynote: Emilio Porcu, England

*Location: Aud. F (building 1534, room 125)*

09:45–10:15

### Coffee

10:15–11:45

### Minisymposium: Neurostereology and image analysis II

1. Daniel A. Peterson, USA
2. María García-Amado, Spain
3. Vyvyan Howard, Northern Ireland

*Location: Aud. F (building 1534, room 125)*  
*Organiser: Jens R. Nyengaard*

### Minisymposium: Stochastic modeling of 3D microstructures for virtual materials testing

1. Daniel Westhoff, Germany
2. Benedikt Prifling, Germany
3. Volker Schmidt, Germany

*Location: Aud. G2 (building 1532, room 122)*  
*Organiser: Volker Schmidt*

11:45–13:15

### Lunch in MATH canteen

13:15–14:00

### Keynote: Katja Schladitz, Germany

*Location: Aud. F (building 1534, room 125)*

14:00–15:30

### Minisymposium: Digital pathology

1. Arvydas Laurinavičius, Lithuania
2. Torben Steiniche, Denmark
3. Mads Nielsen, Denmark

*Location: Aud. F (building 1534, room 125)*  
*Organiser: Torben Steiniche*

### Contributed talks: Spatial measurements and models

1. András E. Vladár, France
2. Bruno Figliuzzi, France
3. Achmad Choiruddin, Denmark

*Location: Aud. G2 (building 1532, room 122)*

15:30–17:30

### Poster session and presentation

17:30–19:00

### ISSIA general assembly

*Location: Aud. G2 (building 1532, room 122)*

## Wednesday, 29 May

09:00–09:45

**Keynote: Fei Sun, China**

*Location: Aud. F (building 1534, room 125)*

09:45–10:15

Coffee

10:15–12:15

**Minisymposium: Mathematical morphology in the deep learning era**

1. Samy Blusseau, France
2. Santiago Velasco-Forero, France
3. Jesus Angulo, France
4. Etienne Decencière, France

*Location: Aud. F (building 1534, room 125)*

*Organisers: Jesus Angulo and Santiago Velasco-Forero*

**Contributed talks: Stereological sampling and methods**

1. Allan Rasmusson, Lithuania
2. Lucie Kubínová, Czech Republic
3. Karl-Anton Dorph-Petersen, Denmark

*Location: Aud. G2 (building 1532, room 122)*

12:15–13:45

Lunch in MATH canteen

13:45–14:30

**Stereology – personal recollections: Luis Manuel Cruz-Orive**

*Location: Aud. F (building 1534, room 125)*

14:30–15:00

Coffee

15:00–16:30

**Minisymposium: Machine learning techniques for image segmentation and object detection**

1. Orkun Furat, Germany
2. Lukas Petrich, Germany
3. Matthias Weber, Germany

*Location: Aud. F (building 1534, room 125)*  
*Organiser: Volker Schmidt*

**Contributed talks: Tessellations**

1. Filip Seidl, Czech Republic
2. Katarzyna Adamczyk-Chauvat, France
3. Zbynek Pawlas, Czech Republic

*Location: Aud. G2 (building 1532, room 122)*

16:30–17:00

**Winner of PhD competition: Johannes Österreicher**

*Location: Aud. F (building 1534, room 125)*

17:45–19:00

Guided tour at ARoS

19:00–22:00

Conference dinner at ARoS

## Thursday, 30 May

09:00–09:45

**Keynote: Mari Myllymäki, Finland**

*Location: Aud. F (building 1534, room 125)*

09:45–10:15

**Coffee**

10:15–11:45

**Minisymposium: Advanced quantification of lung tissue**

1. Rory Morty, Germany
2. Roman Grothausmann, Germany
3. Matthias Ochs, Germany

*Location: Aud. F (building 1534, room 125)*  
*Organisers: Matthias Ochs and Christian Mühlfeld*

**Contributed talks: Random sets**

1. Kateřina Helisová, Czech Republic
2. Jakub Staněk, Czech Republic
3. Tatyana Eremina, France

*Location: Aud. G2 (building 1532, room 122)*

11:45–14:00

**Lunch in MATH canteen**