

# SAGAMORE XVIII

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IUCr Commission on Charge, Spin and Momentum Densities (CSMD)

June 7-12, 2015

Santa Margherita di Pula  
SARDINIA - ITALY

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## DEADLINES

February 28, 2015:	Early Registration
February 28, 2015:	Application for financial support
March 25, 2015:	Abstract Submission
April 20, 2015:	Notification of abstract acceptance
April 25, 2015:	Late Registration
May 15, 2015:	Registration cancellation (85% refund)

## SESSIONS AND INVITED SPEAKERS

### Opening Remarks

M. J. Cooper (Warwick, UK)

### Advances in experimental probes for Charge, Spin and Momentum Densities

(chairs: A. Goukassov, M. Takata)

A. Sazonov (Technische Universität München, Germany)

K. Tamasaku (RIKEN, Japan)

### Improved methods for improved densities (chairs: P. Becker, W. Scherer)

M. Deutsch (Synchrotron Soleil, Saint Aubin, France)

T. Elsaesser (Max-Born-Institut, Berlin, Germany)

### Progress in DFT and theoretical methods for solids and related accuracy of properties of interest to CSMD (chairs: R. Dovesi, V. G. Tsirelson)

C. Adamo (Chimie ParisTech, Paris, France)

T. A. Wesolowski (Univ. Genève, Switzerland)

### Topological Approaches: where we go (chairs: A. Martín Pendás, Y. Grin)

P. L. A. Popelier (Univ. Manchester, UK)

M. Kohout (Max Planck Institute, Dresden, Germany)

### CSMD at extreme conditions (chairs: B. Dittrich, J. S. Tse)

E. Boldyreva (Univ. Novosibirsk, Russia)

P. Macchi (Univ. Berne, Switzerland)

### Charge and Spin Density analyses for Chemical and Crystal Engineering

(chairs: E. Espinosa, D. Stalke)

T. N. Guru Row (Indian Institute of Science, Bangalore, India)

W. Scherer (Univ. Augsburg, Germany)

### Functional materials: insight from Charge, Spin and Momentum Densities

(chairs: G. Eickerling, M. A. Spackman)

S. Dugdale (Univ. Bristol, UK)

J. Manson (Eastern Washington Univ., USA)

### Dynamics: structure evolution and densities (chairs: P. Coppens, T. Elsaesser)

R. J. D. Miller (CFEL, MPI, Hamburg, Germany)

V. Yachandra (LBNL, CA, USA)

### Nanoscale: structure, dynamics and densities - Electronic properties of nanomaterials

(chairs: A. Bansil, B. B. Iversen)

H. Sakurai (Univ. Gunma, Japan)

G. K. H. Madsen (Ruhr-Univ. Bochum, Germany)

### CSMD in the life sciences (chairs: S. Larsen, P. L. A. Popelier)

P. M. Dominiak (Univ. Warsaw, Poland)

C. F. Matta (Mount Saint Vincent University, Halifax, Canada)

### ROUND TABLE on "What is the future of CSMD analyses?" (chair: C. Lecomte)

speakers: to be selected



CSMD Commission



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