

## Program update (changes in *bold-italic*)

<b>Tuesday, June 9th</b>	
<b>SESSION 5</b>	
<b>Functional materials: insights from charge, spin and momentum densities</b>	
chairs: Georg Eickerling, Mark Spackman	
17:30-17:40	General introduction
17:40-18:20	Spin and Momentum Densities in Heusler Alloys (S. Dugdale - Invited)
18:20-18:40	An Electron Momentum Density Analysis for Spin Crossover Materials (Y. Sakurai)
18:40-19:00	Is the rock salt structure of SnTe so simple? (M. Sisti)
<b>19:00-19:20</b>	<b><i>Correlation between Materials Properties and Accurate Electron Densities: Distributed Polarizabilities of Amino Acids and their Aggregates (L. H. R. dos Santos)</i></b>
20:00-21:00	Dinner
<b>21:30-22:30</b>	<b><i>Free time for posters and discussions</i></b>

<b>Thursday, June 11th</b>	
<b>SESSION 8</b>	
<b>Nanoscale: structure, dynamics and densities - Electronic properties of nanomaterials</b>	
chairs: Arun Bansil, Bo B. Iversen	
12:10-12:20	General introduction
12:20-13:00	Redox orbital with Lithium intercalation in $\text{Li}_x\text{Mn}_2\text{O}_4$ and $\text{Li}_x\text{CoO}_2$ (H. Sakurai - Invited)
13:00-14:00	Lunch
15:20-15:40	Nuclear-weighted X-ray maximum entropy method – NXMEM (S. Christensen)
15:40-16:00	Topological Insulators, Novel Superconductors, and 2D Atomically Thin Films Beyond Graphene (A. Bansil)
16:00-16:20	Analysis of the electron density features of boron clusters and effects of doping (N. Sukumar)
<b>16:20-17:00</b>	<b><i>TBA (Invited)</i></b>

<b>Friday, June 12th</b>	
<b>07:30-08:30</b>	<b><i>Breakfast</i></b>
<b>SESSION 10</b>	
<b>CSDM at extreme conditions</b>	
chairs: Birger Dittrich, John Tse	
<b>08:30-08:40</b>	General introduction
<b>08:40-09:20</b>	High-pressure as a tool to understand intermolecular interactions. Retrospect and Prospects (E. Boldyreva - Invited)
<b>09:20-09:40</b>	Chemical bonding in high-pressure metal-rich alkali halides (G. Saleh)
<b>09:40-10:00</b>	Unveiling the mysteries of L-serine pressure-induced polymorphism. Why do phase transitions occur? (D. Rychkov)
<b>10:00-10:20</b>	Coffee break
<b>10:20-10:40</b>	BaBiO <sub>3</sub> at high pressure: metal, insulator or superconductor? (D. Ceresoli)
<b>10:40-11:20</b>	Electron density in molecules under high pressure (P. Macchi - Invited)
<b>11:20-11:25</b>	<b>Closing remarks</b>
<b>12:30-13:30</b>	Lunch