



<b>Session Title</b>	<b>[TuD2] Spin Liquids</b>
<b>Date / Time</b>	July 3 (Tue.), 2018 / 13:30-15:30
<b>Room</b>	Room D (#109)
<b>Session Chair</b>	TBA

**TuD2-I1 (Invited)**

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**Genuine Mott Transition in Spin Liquids: Quantum Fluctuations, Superconductivity and Fermi Liquid**

Andrej Pustogow<sup>1</sup>, Vladimir Dobrosavljevic<sup>2</sup>, Simone Fratini<sup>3</sup>, and Martin Dressel<sup>1</sup>

<sup>1</sup>Stuttgart Univ., Germany, <sup>2</sup>Florida State Univ., USA, <sup>3</sup>Univ. Grenoble Alpes, France

**TuD2-I2 (Invited)**

**TuD2-I2 (Invited)**

**Role of Frustration and Disorder in The Competition Between Antiferromagnetism and Quantum Spin Liquid of Organic Charge-Transfer Mott Insulators**

Silvia Tomic

Univ. of Zagreb, Croatia

**TuD2-I3 (Invited)**

**TuD2-I3 (Invited)**

**$\mu$ SR of Layered Molecular Conductors: from Vortex Phases in Superconductors to Quantum Critical Phases in Spin Liquids**

Francis Pratt

STFC Rutherford Appleton Lab., UK

**TuD2-O4**

**TuD2-O4**

**Resonant Inelastic X-ray Scattering Probes The Electron-Phonon Coupling in The Spin-Liquid Kappa-(BEDT-TTF)<sub>2</sub>Cu<sub>2</sub>(CN)<sub>3</sub>**

Vita Ilakovac<sup>1,2</sup>, Stéphane Camiato<sup>1,2</sup>, Pascale Foury-Leylekian<sup>3</sup>, Silvia Tomic<sup>4</sup>, Jean-Paul Pouget<sup>3</sup>, Predrag Lazic<sup>5</sup>, Yves Joly<sup>6</sup>, Kazuya Miyagawa<sup>7</sup>, Kazuya Kanoda<sup>7</sup>, and Alessandro Nicolaou<sup>8</sup>

<sup>1</sup>Sorbonne Univ., France, <sup>2</sup>Univ. Pierre et Marie Curie, France, <sup>3</sup>Univ. Paris Saclay, France, <sup>4</sup>Inst. of Physics, Croatia, <sup>5</sup>Inst. Rudjer Boskovic, Croatia, <sup>6</sup>Inst. Néel, France, <sup>7</sup>Univ. of Tokyo, Japan, <sup>8</sup>Synchrotron SOLEIL, France

**TuD2-O5**

**TuD2-O5**

**Kappa-(BEDT-TTF)<sub>2</sub>Cu<sub>2</sub>(CN)<sub>3</sub> Spin Liquid : Beyond The Average Structure**

Pascale Foury-Leylekian<sup>1,2</sup>, Vita Ilakovac<sup>3,4</sup>, Victor Baledent<sup>1,2</sup>, Pierre Fertey<sup>5</sup>, Alla Arakcheeva<sup>6</sup>, Ognjen Milat<sup>7</sup>, Kazushi Kanoda<sup>8</sup>, Enric Canadell<sup>9</sup>, Silvia Tomic<sup>7</sup>, and Jean-Paul Pouget<sup>1,2</sup>

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**TuD2-O6**

**TuD2-O6**

**Spin Liquids and Superconductivity based on BEDT-TTF**

Mitsuhiko Maesato, Shinya Tomeno, Yojiro Kimura, Yukihiro Yoshida, Gunzi Saito, and Hiroshi Kitagawa

Kyoto Univ., Japan