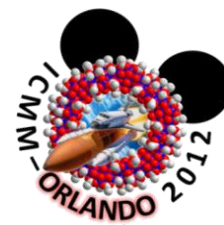


# Monday, October 8



8:10 Welcome

## **Session I**

Chair: **Joel Miller**

- 8:30 [\[PL-01\]](#) **Olivier Kahn Lecture**  
What Role Has Organic Chemistry Played in the Development of Molecule-based Magnets?  
Hiizu Iwamura
- 9:20 [\[MC-01\]](#) Magnetic Anisotropy of Molecular Rings Self-assembled on Au Surface  
A. Ghirri, V. Corradini, V. Bellini, U. del Pennino, S. Carretta, E. Garlatti, P. Santini, G. Timco, R. Winpenny, Marco Affronte
- 9:35 [\[MC-02\]](#) Thiazyl Radical Ligands: Coordination Complexes and Intermolecular Interactions  
Kathryn E. Preuss, R. Clérac, M. Jennings, D. Soldatov, E. M. Fatila, D. J. Sullivan, I. S. Morgan, D. J. McDonald, A. Maahs
- 9:50 [\[MI-01\]](#) Heterometallic Rings for Quantum Information Processing  
Stefano Carretta
- 10:15 *Coffee Break*

## **Session II**

Chair: **Andrea Cornia**

- 10:45 [\[MF-01-05\]](#) FLASH PRESENTATIONS
- 11:10 [\[MC-03\]](#) Lanthanide Complexes Featuring Single-Molecule Magnet Behaviour  
Floriana Tuna, R. A. Layfield, R. E. P. Winpenny
- 11:25 [\[MI-02\]](#) Electronic and Magnetic Properties of Ternary Main Group–Transition Metal Clusters  
Stefanie Dehnen

ORAL SESSION

# Monday, October 8



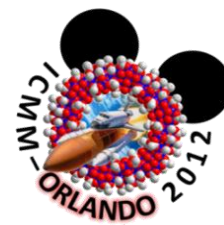
- 11:50 [MC-04] Antiferromagnetic Ordering and Pressure-Induced Transition to a High  $T_c$  Ferrimagnetic State for  $M^{II}(\text{TCNE})[\text{C}_4(\text{CN})_8]_{1/2} \cdot z\text{CH}_2\text{Cl}_2$  (TCNE = Tetracyanoethylene; M = Mn, Fe)  
Joel S. Miller, A. C. McConnell, P. W. Stephens, R.S. Fishman
- 12:05 [MI-03] Controlling Nanomagnets with Light: a Journey Between Chemistry and Physics  
E. Heintze, M.-Y. Zhang, C. Clauss, F. El Hallack, F. Totti, M.G. Pini, A. Rettori, M. Dressel, Lapo Bogani
- 12:30 *Lunch*

## **Session III**

Chair: **Daniel Talham**

- 2:00 [MI-04] Lessons Learned From Dinuclear Lanthanide Nano-Magnets  
Muralee Murugesu
- 2:25 [MC-05] An AFM/FM Spin Ladder  
Christopher P. Landee, F. F. Awwadi, L. N. Dawe, M. M. Turnbull
- 2:40 [MC-06] Bistability in the TTTA Molecule-Based Magnet  
Juan J. Novoa, M. Deumal, F. Mota, S. Vela, J. Ribas-Ariño
- 2:55 [MI-05] Polyoxometalate Single-Ion Magnets: Molecular Design of Spin Qubits  
Fernando Luis, M. J. Martínez, S. Cardona-Serra, E. Coronado, J. M. Clemente-Juan, A. Gaita-Ariño, H. Prima-García, A. Camón, P. Alonso, M. Evangelisti, J. van Slageren, J. Sesé
- 3:20 [MC-07] Quantum State Manipulation of Molecular Spins by Pulse-based Electron Multiple Resonance Technique for Molecular Spin Quantum Computers  
Kazunobu Sato, A. Tanaka, T. Yoshino, S. Nakazawa, S. Nishida, R. Rahimi, T. Ise, K. Toyota, D. Shiomi, Y. Morita, M. Kitagawa, T. Takui
- 3:35 [MC-08] Controlling Electronic Structures of Paramagnetic Metal Alkynyl Complexes Toward Organometallic Single Molecule magnets  
Matthew P. Shores, S. R. Fiedler, W. A. Hoffert, B. S. Newell, A. K. Rappé
- 3:50 *Coffee break*

# Monday, October 8



## Session IV

Chair: **Andrew Kent**

- 4:15            **[MF-06-09]**        FLASH PRESENTATIONS
- 4:35            **[MC-09]**            Collective Coupling of  $\sim 10^{16}$   $\text{Fe}_8$  Single-Molecule Magnets to a Resonant Cavity  
Jonathan R. Friedman, A. W. Eddins, C. C. Beedle, D. N. Hendrickson
- 4:50            **[MI-06]**            Quantum Molecular Spintronics Based on Single-Molecule Magnets  
Masahiro Yamashita
- 5:15            **[MC-10]**            Exchange Coupling and Magnetic Blocking in Radical-Bridged Lanthanide Complexes  
Selvan Demir, J. M. Zadrozny, M. Nippe, J. R. Long
- 5:30            **[MC-11]**             $\text{Fe}^{\text{III}}$  Complexes with LIESST Effect Inserted into Oxalate-Based Network. Photophysical and Magnetic Studies  
Eugenio Coronado, M. López-Jordà, M. Clemente-León, A. Tissot, A. Hauser, C. Desplanches, H. Wang, J.-F. Létard
- 5:45                            *Break*
- 6:00                            POSTERS
- 8:00                            *Dinner*

ORAL SESSION