

Programme

August 27th

19.00 - 21.00

REGISTRATION & WELCOME COCKTAIL

August 28th

8.00 - 8.30

REGISTRATION

8.30 - 9.00

OPENING CEREMONY

9.00 - 10.00

Plenary Speaker - Kay Severin

Structural supramolecular chemistry with clathrochelate complexes

10.00 - 10.30

Invited Speaker - Eva Rentschler

3d/4f metallacrown based complexes exhibiting slow magnetic relaxation

10.30 - 11.00

Invited Speaker - Joris van Slageren

Spectroscopic investigations of the crystal field splitting in f-element single-molecule magnets

11.00 - 11.30

COFFEE BREAK

11.30 - 12.00

Invited Speaker - Floriana Tuna

Organometallic molecular magnets studied by electron paramagnetic resonance

12.00 - 12.15

Oral Presentation - Kevin Bernot

Organization of luminescent and magnetic lanthanide-based molecular edifices designed through coordination chemistry

12.15 - 12.30

Oral Presentation - Lorenzo Sorace

Electronic structure and magnetic anisotropy in lanthanoid single-ion magnets with C_3 symmetry: the Ln(trenovan) series

12.30 - 12.45

Oral Presentation - Alexey A. Popov

Trapping an unpaired electron between two lanthanide ions inside a fullerene cage: towards SMMs with giant exchange and record-high blocking temperatures

12.45 - 13.00

Oral Presentation - Jose J. Baldovi

Electronic structure and magnetic anisotropy in f-block molecular nanomagnets

13.00 - 13.15

Oral Presentation - Nicholas F. Chilton

Molecular magnetic hysteresis at 60 K in dysprosocenium

13.15 - 13.30

Oral Presentation - Liviu Ungur

Strategies toward high-temperature lanthanide-based single-molecule magnets

13.30 - 15.00

LUNCH

15.00 - 15.30

Invited Speaker - Fabrice Pointillart

Magnetic memory in isotopically enriched single molecule magnet and single ion on nanoparticle surface

15.30 - 16.00

Invited Speaker - Liviu Chibotaru

Ab Initio crystal field in lanthanides: analysis of contributions and assessment of the models

16.00 - 16.15

Oral Presentation - Colette Boskovic

Magnetic excitations in lanthanoid-polyoxotungstate single-molecule magnets: an inelastic neutron scattering and Ab Initio study

16.15 - 16.30

Oral Presentation - Chen Gao

Experimental determination of the valence electron density in a Dy-based single molecule magnet

16.30 - 17.00

COFFEE BREAK

17.00 - 17.15

Oral Presentation - Hui-Zhong Kou

From achiral ligand to chiral six-coordinate lanthanide complexes

17.15 - 17.30

Oral Presentation - Maria-Gabriela Alexandru

Heterotrimetallic complexes assembled from 3d-3d' nodes and cyanido spacers

17.30 - 18.15

Flash Presentations: F1 - F15

18.15 - 20.00

Poster Session I

August 29th

8.30 - 9.00

WELCOME COFFEE

9.00 - 10.00

Plenary Speaker - Narcis Avarvari

Chiral materials based on tetrathiafulvalene and metal dithiolene complexes

10.00 - 10.30

Invited Speaker - Marta Mas Torrent

Organic radicals in molecular electronics

10.30 - 11.00

Invited Speaker - Alessandro Lunghi

First principle determination of spin-phonon coupling mechanism in single molecule magnets

11.00 - 11.30

COFFEE BREAK

11.30 - 12.00

Invited Speaker - Lapo Bogani

Molecular graphene-based magnetic nanostructures

12.00 - 12.15

Oral Presentation - Fabian Paschke

Magnetism of highly-ordered 2D arrays of Fe₄ on graphene

12.15 - 12.30

Oral Presentation - Daniel E. Bürgler

Magnetic subunits within a single molecule-surface hybrid

12.30 - 12.45

Oral Presentation - Masahiro Yamashita

New quantum molecular spintronics and how to increase hysteresis temperature in Single-Molecule Magnets

12.45 - 13.00

Oral Presentation - Jennifer J. Le Roy

Molecular spintronics using heterodinuclear molecular magnets

13.00 - 13.15

Oral Presentation - Stefano Carretta

Fingerprints of Mn_{12} , the forefather of molecular nanomagnets

13.15 - 13.30

Oral Presentation - Alessandro Chiesa

Many-body Ab Initio study of antiferromagnetic $\{Cr_7M\}$ molecular rings

13.30 - 15.00

LUNCH

15.00 - 15.15

Oral Presentation - Annie K. Powell

Toroidal moment variations in triangular systems

15.15 - 15.30

Oral Presentation - Yves Journaux

New oxamate-based magnetic architectures: investigating heterofunctional ligands

15.30 - 15.45

Olivier Kahn International Award Ceremony

15.45 - 16.30

Olivier Kahn International Award Winner Lecture

16.30 - 17.00

COFFEE BREAK

17.00 - 17.15

Oral Presentation - Andrea Cornia

Synchrotron Mössbauer spectroscopy of surface-supported single- molecule magnets

17.15 - 17.30

Oral Presentation - Guillem Aromi

Photo-switchable spin-based 2-qubit molecules

17.30 - 18.15

Flash presentations: F16 - F30

18.15 - 20.00

Poster Session II

August 30th

8.30 - 9.00

WELCOME COFFEE

9.00 - 10.00

Plenary Speaker - Ivan K. Schuller

Exciting science with simple oxides

10.00 - 10.30

Invited Speaker - Aurelian Rotaru

Charge transport properties of spin crossover materials: towards nanoelectronic and spintronic devices

10.30 - 11.00

Invited Speaker - Carlos Martí-Gastaldo

Ultrathin films of layered coordination polymers: charge transport and spin-crossover at the nanoscale

11.00 - 11.30

COFFEE BREAK

11.30 - 12.00

Invited Speaker - Emilio Pardo

Metal-organic frameworks as chemical reactors for new advanced materials: use of post-synthetic methods

12.00 - 12.15

Oral Presentation - Marie-Laure Boillot

Switching properties of spin-crossover nanocrystals based on molecular materials

12.15 - 12.30

Oral Presentation - Cristian Enachescu

Understanding experimental data in spin crossover systems using elastic models

12.30 - 12.45	Oral Presentation - Carlos Bartual-Murgui Polymorphism and ligand effect on the spin crossover behavior of a new family of mononuclear iron(II) compounds
12.45 - 13.00	Oral Presentation - Rafal Kulmaczewski Engineering cooperativity in iron(II) spin crossover complexes?
13.00 - 13.15	Oral Presentation - Anandi Srinivasan The role of molecular geometry and axial ligands on the spin crossover properties of $[\text{Co}_3(\text{R-dpa})_4\text{X}_2]$ (R = H, CH ₃ ; X = F ⁻ , Cl ⁻ , Br ⁻ , I ⁻)
13.15 - 13.30	Oral Presentation - Alexandre Abhervé Magnetism and conductivity in a 2D mixed-valence porous coordination polymer
13.30 - 15.00	LUNCH
15.00 - 16.00	Plenary Speaker - Francisco Guinea Proximity exchange and spin-orbit coupling in graphene in contact with a ferromagnet
16.00 - 16.30	Invited Speaker - Kasper Pedersen A non-innocent coordination chemistry approach to 2D conducting magnets
16.30 - 17.00	COFFEE BREAK
17.00 - 17.15	Oral Presentation - Valerie Marvaud Light induced magnetism in molybdenum complexes
17.15 - 17.30	Oral Presentation - Robert Podgajny Anion- π interactions – the unrecognized tool for molecular magnetism?



17.30 - 17.45

Oral Presentation - Stanislav Nikolaevskii

First- and second-order phase transitions in the series of heterometallic complexes $[\text{Co}_2\text{Ln}(\text{NO}_3)_6(\text{Ph-Py})_2]$

17.45 - 18.00

Oral Presentation - Fernando Luis

Three addressable spin qubits in a GdW_{30} single-ion magnet

20.00 - 22.30

CONFERENCE DINNER

August 31st

8.30 - 9.00

WELCOME COFFEE

9.00 - 10.00

Plenary Speaker - Cyrus Hirjibehedin

Using the local environment to access and tune magnetism in single molecules

10.00 - 10.30

Invited Speaker - Dawid Pinkowicz

Are all heavy cyanometallates intrinsically photomagnetic?

10.30 - 11.00

Invited Speaker - Corine Mathonière

Switching properties in cyanido-bridged Fe/Co squares followed by bulk and local techniques

11.00 - 11.30

COFFEE BREAK

11.30 - 12.00	Invited Speaker - Federico Totti The importance of being... DyDOTA
12.00 - 12.15	Oral Presentation - Cristian D. Ene Untangling the threads of an unexpectedly rich synthesis: from supramolecular isomerism driven by a stepwise chirality transfer to ferromagnetic coupling in copper(II) coordination polymers
12.15 - 12.30	Oral Presentation - Valentin Novikov Solution NMR techniques for single-molecule magnets
12.30 - 12.45	Oral Presentation - Roman Boča Low spin single ion magnets: the case of Ni(II) and Cu(II)
12.45 - 13.00	Oral Presentation - Mark Murrie Controlling giant magnetic anisotropy in trigonal bipyramidal Ni(II) using high pressure
13.00 - 13.15	Oral Presentation - Andrei Alunel Pătrașcu Rational design of heterospin 2p-3d, 2p-4f, and 2p-3d-4f complexes using a novel family of paramagnetic dissymmetric compartmental ligands
13.15 - 13.45	CLOSING CEREMONY