

# Meeting and Event Program GRIC-2023

Thursday, September 28, 2023

9.00-10.00	Registration
10.00-10.30	Opening of the Workshop Welcome and Introductions <ul style="list-style-type: none"><li>• Professor Nikolaos Thomaidis, Member of the Council NKUA</li><li>• Professor Evi Lianidou, Chair of Department of Chemistry, NKUA</li><li>• Professor Christiana Mitsopoulou, Director of Inorganic Lab.. Chemistry Dept., NKUA and the Research Institute “Energy-Renewable Sources and Transportations”, Center of Research and Innovation, NKUA</li></ul>
	<b>Chair : V. Psycharis</b>
10.30-11.00	<b>S. Perlepes</b> <i>Our Recent “Adventures” in the Chemistry of Lanthanoids (4f) and Actinoids (5f)</i>
11.00-11.30	<b>C. Stamatatos</b> <i>Organic chelates vs nitrates... Peripheral site modification in a family of dinuclear single-molecule magnets bearing a <math>\{Dy_2(\mu-OR)_2\}^{4+}</math> core and exhibiting dissimilar magnetic dynamics</i>
11.30-12.00	<b>M. Louloudi</b> <i>Plasmonic Nanoparticles (PNPs) in Molecular Catalysis</i>
12.00-12.30	Coffee Break
	<b>Chair : C. Stamatatos</b>
12.30-13.00	<b>A. Kanaras</b> <i>Synthesis, Surface Functionalization and Applications of Inorganic Nanoparticles</i>
13.00-13.30	<b>A. Salifoglou</b> <i>Vanadium in cell differentiation linked to metabolic syndromes</i>
13.30-14.00	<b>A. Keramidas</b> <i>Design and Modulation of Selectivity Towards Vanadium(V) and Uranium(VI) Ions: Coordination Properties and Affinity of</i>

	<i>Hydroxylamino-Triazine Siderophores</i>
14.00-16.00	Lunch –Poster presentation
	<b>Chair : A. Kanaras</b>
16.00-16.20	<b>V. Psycharis</b> <i>Structure relations in non-molecular crystal structures based on cation arrangement</i>
16.20-16.40	<b>K. Ladomenou</b> <i>Porphyrin-based complexes for efficient light-driven H<sub>2</sub> evolution</i>
16.40-17.00	<b>K. Raptopoulou</b> Iron(III) complexes with polydentate ligands: Synthesis, structural, magnetic and spectroscopic characterization
17.00-17.20	<b>P. Kyritsis</b> <i>Zero-Field Splitting and Slow Magnetization Relaxation in Mononuclear 3d-Metal Complexes</i>
17.20-17.40	<b>P. Paraskevopoulou</b> <i>Polyurea-crosslinked alginate aerogels – design and synthesis of novel nanostructured materials with diverse applications</i>
17.40-18.00	<b>C. Methenitis</b> <i>Synthesis and characterization of Ag(0) nanoparticles stabilized in aqueous solution by L-amino acid derivative polyelectrolyte. In vitro evaluation of their cytotoxicity</i>
20.30	Official Dinner

### Friday, September 29, 2023

	<b>Chair : M. Louloudi</b>
9.30-10.00	<b>S. Hatzikakou</b> <i>Organometallic compounds as targeted chemotherapeutics against adenocarcinoma cells</i>
10.00-10.20	<b>M. Chrysina</b> <i>Nature of S-States in the Oxygen-Evolving Complex Resolved by High-Resolution Fluorescence Detected X-ray Absorption Spectroscopy</i>
10.20-10.40	<b>C. Banti</b> <i>A novel metallo-antibiotic by Ciprofloxacin modification</i>
10.40-11.00	<b>G. Mitrikas</b> <i>Long Electron Spin Coherence Times of Atomic Hydrogen Trapped in POSS cages</i>
11.00-11.20	<b>M. Ziagkos</b> , Analytical Instruments A.E.

	<i>XRD has changed: Advancing Instrumental Methods of Analysis with Bruker's Groundbreaking XRD Technology</i>
11.20-12.00	Coffee Break
	<b>Chair : K. Paptopoulou</b>
12.00-12.20	<b>E. Efthimiadou</b> <i>Metal nanostructured materials for bioapplications</i>
12.20-12.40	<b>A. Garoufis</b> Cytotoxic activity of full-sandwich cycloparaphenylene(CPP)-Rucyclopentadienyl(Cp) polynuclear complexes
12.40-13.00	<b>N. Alexopoulos</b> <i>Investigation on the effect of artificial ageing kinetics on corrosion susceptibility of Al-Cu-Li 2198 alloy</i>
13.00-13.20	<b>A. Chrissanthopoulos</b> <i>Structural and vibrational properties' study of Arsenic Sulfide chemical species</i>
13.20-13.40	<b>A. Danopoulos</b> <i>Pincer' Complexes with N-Heterocyclic Carbene and Related Donors</i>
13.40-16.00	Lunch –Poster presentation
	<b>Chair : T. Keramidas</b>
16.00-16.30	<b>Y. Sanakis</b> <i>The Spin Relaxation Properties of Some Mononuclear S=2, Fe(II) Complexes.</i>
16.30-17.00	<b>G Malandrinos</b> <i>Coordination properties of Cu(II) ions towards peptide fragments located at the microtubule-binding domain of the longest tau isoform</i>
17.00-17.30	<b>G. Mousdis</b> <i>Low-Dimensional Organic-Inorganic Hybrid</i>
17.30-18.00	<b>A. Philippopoulos</b> <i><math>\eta^6</math>-Arene Ru(II) Complexes as Efficient Catalysts for Transfer Hydrogenation of Aromatic Ketones</i>
18.00-18.30	<b>N. Tsoureas</b> <i>Manipulating arene interactions in 1st row transition phenoxide metal complexes.</i>
	<i>Closing Remarks- Announcement of GRIC 2025</i>

**Saturday, September 30, 2023**

9.30-12.00

**Round Table**