

Monday 18/9		Tuesday 19/9		Wednesday 20/9	
		9:00 – 9:40	PL3: J. Garcia Rubio <i>What can EPR tell us about hemeproteins?</i>	9:00 - 9:40	PL5: M. Fanciulli <i>Electron Spin Resonance and related techniques for unconventional classical and quantum computing</i>
		9:40 – 10:10	KN2: G. D'Errico <i>EPR Studies of polyphenol Polymers: From the Molecular Determinants of Natural Antioxidants to the Rational Design of New Materials for Bio-electronics</i>	9:40 – 10:10	KN4: M.Fittipaldi <i>Spin Electric Effects Revealed by Electric Field Modulated EPR</i>
		10:10 – 10:30	O2: C. Minnelli <i>Surface engineering of poly(lactide-co-glycolide) with lipid-functionalized epigallocatechin-3-gallate: the role of components on hydroxyl radical scavenging activity by EPR spin trapping</i>	10:10 - 10:30	O9: C. Kay <i>From EPR Resonators to Masers: A Dielectric Journey</i>
		10:30 – 10:50	O3: N. Gallucci <i>Rhamnolipid mixtures with conventional surfactants: supramolecular organization and antioxidant activity of "green formulations"</i>	10:30 - 10:50	O10: A. Cini <i>Preliminary EPR Studies on Single Molecule Magnets Aimed to be Used for the Detection of Particles in the NAMASSTE Experiment</i>
		10:50 – 11:10	Coffee break	10:50 - 11:10	Coffee break
		11:10 – 11:40	KN3: P. Stipa <i>Peculiarities of some Aromatic Heterocyclic Nitrones and Nitroxides</i>	11:10 – 11:40	KN5: M. Chiesa <i>EPR of supported single metal atoms</i>
		11:40 – 12:00	O4: I. Baù <i>EPR Sensing of a Cation Species by Aza-Crown Ethers Incorporating a Persistent Nitroxidic Radical Unit</i>	11:40 - 12:00	O11: F. Santanni <i>Determining the magnetic properties of [Cu(dttt)₂] qubit in different environments: moving from the bulk phase to the surface</i>
		12:00 – 12:20	O5: S. Colacicchi <i>EPR characterization of paramagnetic impurity in highly purified Graphene Oxide</i>	12:00 – 12:20	O12: V. Lagostina <i>Magnetic and relaxation properties of Vanadium(IV) complexes: An integrated ¹H relaxometric, EPR and computational study</i>
		12:20 – 12:40	O6: E. Castronovo <i>Alanine/EPR dosimetry for ultra-high dose rate beams used for FLASH radiotherapy</i>	12:20 - 12:40	O13: R. Mazzoni <i>Iron cyclopentadienone radical complexes as molecular water oxidation electrocatalyst</i>
		12:40 – 13:00	M. Liberi <i>Presentazione strumenti Bruker</i>	12:40 – 13:00	M. R. Chierotti <i>Presentazione delle attività del GIDRM</i>
13:30 – 15:15	Registration	13:00 - 14:15	Lunch	13:00 - 14:30	Lunch
15:15 – 15:30	Opening	14:15 – 15:15	Visita Museo Palazzo Poggi	14:30 - 15:00	KN6: R. Scotti <i>Morphology related defectiveness in ZnO electronic and luminescent properties</i>

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15:30 – 16:10	PL1: M. Lucarini <i>Lo sviluppo dell'ESR a Bologna: un ricordo di Angelo Alberti e Gian Franco Pedulli</i>	15:30 – 16:10	PL4: E. Mileo <i>Messages from the cell: a SDSL-EPR approach to investigate protein structural dynamics inside cells</i>	15:00 – 15:20	O14: L. Sorace <i>Low dimensional magnetism and quantum coherent properties of a bis-β-diketonate-vanadyl complex</i>
16:10 – 16:40	KN1: A. Zoleo <i>EPR spectroscopy in Cultural Heritage: an overview</i>	16:10 – 16:30	O7: E. Laudadio <i>Use of electron paramagnetic resonance to evaluate the risk of exposure to different asbestos fibers</i>	15:20 – 15:40	O15: A. Agostini <i>Time-Resolved EPR resolves different triplet states in organic mixed-valence molecular systems.</i>
16:40 – 17.20	PL2: D. Carbonera <i>Light-induced EPR of multichromophoric systems</i>	16:30 – 16:50	O8: F. Vivarelli <i>Use of the new heat-not-burn electronic cigarettes increases pulmonary oxidative stress, damages DNA and alters ultrastructural lung airways</i>	15:40 – 16:00	Closing remarks
17.20 - 17.40	O1: B. D'Orsi <i>EPR analysis of g irradiated pure-cellulose paper for Cultural Heritage conservation</i>	16:50 – 17:10	Coffee break		
17.40 – 18.20	FL1: F. Di Benedetto, <i>Towards non-invasive EPR studies: an application in cultural heritage</i> FL2: C. Canevali, EPR spectroscopy for artistic stone conservation FL3: R. Punis, Copper-binder complexes characterization in verdigris pigment by CW-EPR and ESEEM spectroscopies FL4: L. Fanciullini, Mössbauer Spectroscopy as a Valuable Tool Complementing EPR: Applications from Magnetism to Batteries and Fe-S Clusters FL5: L. Alberti, Copper (II) as paramagnetic probe to study the coordination of metal active centres in curing activator for vulcanization process FL6: G. Salvitti, Extending the coherence time of spin defects in hBN enables advanced qubit control and quantum sensing FL7: S. Zatta, Investigation on the electron transfer in dyes anchored to TiO ₂ through CW, pulsed and time-resolved EPR spectroscopy FL8: P. Mariani, Monitoring the exsolution process in Cu-doped SrTiO ₃ catalytic system via quasi in-situ EPR	17:10 – 17:50	FL9: A. Barbon, TESEO, a new tool for the data analysis of photoexcited triplet states FL10: S. Della Monaca, A new interlaboratory comparison on EPR on tooth enamel within WG10 of the EURADOS group: estimate of blind doses and evaluation of performance parameters FL11: J. Toninato, EPR Characterization of the Peroxy Radicals in Irradiated PTFE and Semiquantitative Measure of Their Presence FL12: L. Torrieri Di Tullio, CW-EPR for the study of amyloid protein aggregation FL13: J. Costa, Multifrequency EPR approach for the characterization of soluble melanin mimics FL14: I. Di Sarcina, ESR assessment of the tomato antioxidant properties for agrospace application FL15: M.C. Baratto, EPR spectroscopy for the study of traceability and antioxidant activity of complex matrices in Agritech sector FL16: C. Nannuzzi, Investigation of the reducibility of V in VO _x /TiO ₂ and VO _x /WO _x /TiO ₂ NH ₃ -SCR catalysts in flow conditions		
18:30 – 20.00	BASF Welcome cocktail	17:50 – 18:40	ASSEMBLEA GIRSE		
		20:30 – 23:00	SOCIAL DINNER		