Centre for Pulse EPR Spectroscopy Launch event

Molecular Sciences Research Hub, Department of Chemistry,
White City Campus, Imperial College London
20th September 2021

TIMINGS		SPEAKERS	TALK TITLE
2:00 - 2:05	*Welcome*	**RICHARD CRASTER**, Dean of Natural Sciences (ICL)	Opening remarks
2:05 - 2:15		**MAXIE ROESSLER**, Director of PEPR (ICL)	Vision of PEPR
2:15 - 2:25		**DANIEL SMITH**, Head of Physical Sciences (EPSRC)	State of the Art facilities – a National Funder's Perspective
2:25 - 2:30		**JEREMY GOOD**, Director of Cryogenic Ltd	Cryogenics at a Distance
2:30 - 2:40	*Chemistry & Catalysis*	**ERIC MCINNES**, External Advisory board PEPR, Co-Director of National EPR facility (Manchester)	EPR of metal organic frameworks
2:40 - 2:50		**ANDY ASHLEY**, Co-I PEPR (ICL)	Exposing S = ½ Iron Species Relevant to Homogeneous N2 Fixation
2:50 - 3:00		*Q&A*	
3:00 - 3:20		*Break*	
3:20 - 3:30	*Energy & Environment*	**ANTHONY KUCERNAK**, Co-I PEPR (ICL)	Manganese speciation in redox flow batteries
3:30 - 3:40		**CHRIS WALLIS**, Senior VP Innovations (Polymateria)	Biotransformation – The next generation of biodegradable technologies for plastics
3:40 - 3:50		*Q&A*	
3:50 - 4:00	*Materials*	**SANDRINE HEUTZ**, Co-I PEPR (ICL)	How EPR reveals spin-based technologies in molecules
4:00 - 4:10		**JOHN MORTON**, Co-I PEPR (UCL)	What EPR can do for Quantum Technologies, and vice versa
4:10 - 4:20		*Q&A*	
4:20 - 4:30	*Biology*	**ENRICA BORDIGNON**, External Advisory board PEPR (University of Geneva)	How to study proteins with EPR
4:30 - 4:40		**BILL RUTHERFORD**, Co-I PEPR (ICL)	What can EPR do for a biochemist?
4:40 - 4:50		**DAVID BRITT**, External Advisory board PEPR, Director of CalEPR (UC Davis)	Pulse EPR of FeS enzymes
4:50 - 5:00		*Q&A*	
5:00 - 5:10	*Close and networking*	**OSCAR CES**, Head of Department of Chemistry	Concluding remarks
5:10 - 7:00		*Drinks Reception [in person attendees] & Close [online attendees]*	

With thanks to Bruker and Cryogenic Ltd. for their support sponsoring the event