

# 9<sup>th</sup> EFEPR school, Geneva 3-8 September 2023

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## Scientific Program

\*\*\*All lectures, lab tutorials, lunches and dinners will be held at the Science II building. The welcome mixer and opening events of Sunday and all after-dinner events will be held at Uni Mail, as indicated in the program\*\*\*

### Sunday 03/09/2023

17:30 to 20:00	Registration and welcome mixer at Université de Genève Uni Mail
20:00 to 20:30	Opening of the 9 <sup>th</sup> EFEPR school by the local organizers and teachers' presentation. Université de Genève Uni Mail
20:30 to 21:30	'Introduction to the Spin Hamiltonian' Marilena di Valentin Université de Genève Uni Mail.

## Monday 04/09/2023

8:30 to 9:30	'Fundamentals of cw EPR Spectroscopy' Bruno Guigliarelli
9:30 to 10:30	'Quantum mechanics fundamentals of pulse EPR' Maxim Yulikov
10:30 to 11:00	Coffee break
11:00 to 12:00	'Fundamentals of pulse EPR' Ines Garcia
12:00 to 13:30	Lunch break
13:30 to 14:30	'EPR basics illustrated with Easyspin' Stefan Stoll
14:30 to 15:30	'Relaxation processes' Ilya Kuprov
15:30 to 16:00	Coffee break
16:00 to 17:00	'EPR instrumentation' Graham Smith
17:00 to 17:30	Break
17:30 to 18:30	'High-field EPR' Alexander Schnegg
18:30 to 20:00	Dinner
20:00-22:30	Mixer and Poster discussion (odd) Université de Genève Uni Mail

## Tuesday 05/09/2023

8:30 to 9:30	<b>'Ligand Field Theory for Interpretation of EPR Parameters '</b> Eric McInnes
9:30 to 10:30	<b>'Hyperfine spectroscopy'</b> Daniel Klose
10:30 to 11:00	<b>Coffee break</b>
11:00 to 12:00	<b>'ESEEM and HYSORE'</b> Sabine Van Doorslaer
12:00 to 13:30	<b>Lunch break</b>
13:30 to 14:30	<b>'ENDOR'</b> Marina Bennati
14:30 to 15:30	<b>'Computational EPR Spectroscopy'</b> Maylis Orio
15:30 to 16:00	<b>Coffee break</b>
16:00 to 17:00	<b>'Pulsed Dipolar spectroscopy: DEER/PELDOR'</b> Bela Bode
17:00 to 17:30	<b>Break</b>
17:30 to 18:30	<b>'Site-directed Spin Labeling'</b> Marlène Martinho
18:30 to 20:00	<b>Dinner</b>
20:00-22:30	<b>Mixer and Poster discussion (even)</b> Université de Genève Uni Mail

## Wednesday 06/09/2023

8:30 to 10:30	'Workshop: EPR experiments and simulations' and Q&A sessions with experts
10:30 to 11:00	Coffee break
11:00 to 13:00	'Workshop: EPR experiments and simulations' and Q&A sessions with experts
13:00 to 14:00	Lunch break
14:00 to 16:00	'Workshop: EPR experiments and simulations' and Q&A sessions with experts
16:00 to 16:30	Coffee break
16:30 to 18:30	'Workshop: EPR experiments and simulations' and Q&A sessions with experts
18:30 to 20:00	Dinner
20:00 to 21:00	'The James Webb Space Telescope: A Revolutionary New Window Into the Early Universe' Pascal Oesch from the Observatoire de Genève Université de Genève Uni Mail
21:00-22:30	Chocolate and stars

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## Thursday 07/09/2023

From 10:00	Tour of the lake, visit of Yvoire (FR)
From 18:30	Free evening in Geneva

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## Friday 08/09/2023

8:30 to 9:30	'Pulsed Dipolar spectroscopy: RIDME, DQC, SIFTER' Olav Schiemann
9:30 to 10:30	'AWG-driven Pulse EPR Techniques' Gunnar Jeschke
10:30 to 11:00	Coffee break
11:00 to 11:45	'EPR in Structural Biology' Enrica Bordignon
11:45 to 12:30	'EPR in catalysis' Mario Chiesa
12:30 to 14:00	Lunch break
14:00 to 14:45	'EPR in photophysics' Claudia Tait
14:45 to 15:30	'Light-induced DEER' Alice Bowen
15:30 to 16:00	Coffee break
16:00 to 16:45	'In-situ electrochemical EPR' Maxie Roessler
16:45 to 17:30	'EPR for quantum information' Sylvain Bertaina
17:30 to 18:15	'EPR and DNP' Thomas Prisner
18:30 to 20:00	Dinner
20:00-21:30	Forum and closing remarks Université de Genève Uni Mail