

**Programme of the 1<sup>st</sup> Transnational Round Table on Magnonics, High-Frequency Spintronics, and Ultrafast Magnetism (TRTM'2024), Exeter, 3 – 7 June 2024**

	Monday, 3 June		Tuesday, 4 June	Wednesday, 5 June	Thursday, 6 June	Friday, 7 June
8:30	Arrivals		Coffee from 8:45	Coffee from 8:45	Coffee from 8:45	Coffee from 8:45
9:00			<b>Breakfast discussion</b> Magnonics, spintronics, and ultrafast magnetism for edge computing	<b>Breakfast discussion</b> MaxLLG: Introduction	<b>Breakfast discussion</b> TRTM's format: First lessons and next steps	<b>Breakfast discussion</b> THz magnonics: Ways forward
9:30			Arrivals, registration, and welcome coffee	<b>Susmita Saha</b> Tunable spin wave dynamics in two-dimensional deterministic magnonic fractals	Spin torque driven skyrmion resonance technique in magnetic bulk crystals	<b>Oksana Chubykalo-Fesenko</b> Ultrafast switching and domain wall dynamics in Mn <sub>2</sub> Au by novel laser-induced torques
10:00	Group lab tour 1	<b>Andrei Kirilyuk</b> Ultrafast magnetization reversal by excitation at the frequencies of optical phonons		<b>Pranaba Muduli</b> Controlling ultrafast terahertz dynamics through crystalline orientation in antiferromagnetic hematite	<b>Andrey Shytov</b> Chiral resonant scattering of spin waves in magnetostatically coupled systems	
10:30	Arrivals, registration, collaboration, and welcome coffee	<b>Jaroslav Kłos</b> Unconventional spin wave localization in magnonic nanostructures of long-range order	Light lunch			Excursion bus departure at 12:15
11:00			Group lab tour 2	Buffet lunch	Buffet lunch	
11:30		Time for putting posters on				Bus travel to Tintagel
12:00			Buffet lunch	Buffet lunch	Buffet lunch	
12:30	Buffet lunch	<b>Matteo Vitali</b> Magnetic nanopatterning of YIG films via direct laser writing for magnonics	Tintagel Castle visit			<b>Sergii Parchenko</b> Magnetization dynamics after non-collinear dual optical excitation
13:00				Conference opening	<b>Huixin Guo</b> Realization and control of bulk and surface modes in 3D nanomagnonic networks by additive manufacturing of ferromagnets	
13:30	Hybrid magnonics as a unique platform for spin centre-based quantum technologies	Coffee break	Bus departure at 16:15 and travel to Camelot Castle	MaxLLG seminar	Collaboration and networking	MaxLLG practice, collaboration and networking
14:00						
14:30	Integrated magnonic reservoir computing with magnetic metamaterials	<b>2 min poster pitches</b>	Photos	Drinks reception and posters	Informal walking tour around Exeter and local pub visit*	
15:00						Coffee break
15:30	Welcome reception	Travel to Exeter (stopping at Rougemont and then Reed Hall)	Conference dinner (until about 21:00)			
16:00				Spin wave computing and mode engineering using hard media bias field	Travel to Exeter (stopping at Rougemont and then Reed Hall)	Conference dinner (until about 21:00)
16:30	Welcome reception	Travel to Exeter (stopping at Rougemont and then Reed Hall)	Conference dinner (until about 21:00)			
17:00				Welcome reception	Travel to Exeter (stopping at Rougemont and then Reed Hall)	Conference dinner (until about 21:00)
17:30	Welcome reception	Travel to Exeter (stopping at Rougemont and then Reed Hall)	Conference dinner (until about 21:00)			
18:00				Welcome reception	Travel to Exeter (stopping at Rougemont and then Reed Hall)	Conference dinner (until about 21:00)
18:30	Welcome reception	Travel to Exeter (stopping at Rougemont and then Reed Hall)	Conference dinner (until about 21:00)			
19:00				Welcome reception	Travel to Exeter (stopping at Rougemont and then Reed Hall)	Conference dinner (until about 21:00)
19:30	Welcome reception	Travel to Exeter (stopping at Rougemont and then Reed Hall)	Conference dinner (until about 21:00)			

\* Informal dinner at a local venue will also be organised at about 6-7pm on Sunday, 2 June for those arriving to Exeter early enough on the day.