Programme of the 1st Transnational Round Table on Magnonics, High-Frequency Spintronics, and Ultrafast Magnetism (TRTM'2024), Exeter, 3 – 7 June 2024 (last updated on 9 May 2024)

	Monday, 3 June		Tuesday, 4 June	Wednesday, 5 June	Thursday, 6 June		Friday, 7 June	
8:30			Coffee from 8:45	Coffee from 8:45	Coffee from 8:45		Coffee from 8:45	
9:00 9:30	Arrivals Arrivals, registration, and welcome coffee		Breakfast discussion Magnonics, spintronics, and ultrafast magnetism for edge computing	Breakfast discussion MaxLLG: Introduction Amir Capua Spin torque driven skyrmion resonance	Breakfast discussion TRTM's format: First lessons and next steps		Breakfast discussion THz magnonics: Ways forward	
10:00 10:30 11:00 11:30	Arrivals, registration, and welcome coffee	Group lab tour 1 Group lab tour 2	Susmita Saha Tunable spin wave dynamics in two- dimensional deterministic magnonic fractals Jaroslaw Kłos Unconventional spin wave localization in magnonic nanostructures of long- range order	Andrei Kirilyuk Ultrafast magnetization reversal by excitation at the frequencies of optical phonons Light lunch	Oksana Chubykalo-Fesenko Ultrafast switching and domain wall dynamics in Mn ₂ Au by novel laser- induced torques Pranaba Muduli Controlling ultrafast terahertz dynamics through crystalline orientation in antiferromagnetic		Thomas Thomson Magnetisation dynamics of magnetically coupled multilayer thin films Andrey Shytov Chiral resonant scattering of spin waves in magnetostatically coupled systems	
12:00 12:30	Buffet lunch		Buffet lunch	Excursion bus departure at 12:15	hematite Buffet lunch		Awards, feedback, and conference closing	
13:00	Conference opening		Matteo Vitali	Bus travel to Tintagel	Maciej Dąbrowski All-optical control of spins in van der Waals magnets Sergii Parchenko Magnetization dynamics after non- collinear dual optical excitation Coffee break		Buffet lunch	
13:30	Denis Candido Hybrid magnonics as a unique platform		Magnetic nanopatterning of YIG films via direct laser writing for magnonics	bus traver to Tintager			MaxLLG practice,	
14:00 14:30	for spin centre-based quantum technologies Artem Litvinenko Time-multiplexed spin wave Ising machines Coffee break		Huixin Guo Realization and control of bulk and surface modes in 3D nanomagnonic networks by additive manufacturing of	Tintagel Castle visit			collaboration and networking, additional lab tours	
15:00			ferromagnets Coffee break				Coffee break	
15:30			Collee break				CONEE DIEak	1axLLG practice,
16:00	Tom Hayward Integrated magnonic reservoir computing with magnetic metamaterials Kirill Rivkin		Pieter Gunnink Accessing topological magnonic excitations in non-equilibrium	Bus departure at 16:15 and travel to Camelot Castle	MaxLLG seminar Collaboration and networking	MaxLLG practice, collaboration and networking		
16:30 17:00			2 min poster pitches	Afternoon tea at Camelot Castle				
17:30	Spin wave computing and mode engineering using hard media bias field		Posters and refreshments		Drinks reception and posters		Informal walking tour around Exeter	
18:00	Welcome reception			Photos	Conference dinner (until about 21:00)		and local pub visit*	
18:30 19:00 19:30				Bus departure at 18:30 Travel to Exeter (stopping at Rougemont and then Reed Hall)				

* 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.