EFEQT/DigiQ/NANO-PHOT Summer school : Quantum- from the lab to new technologies

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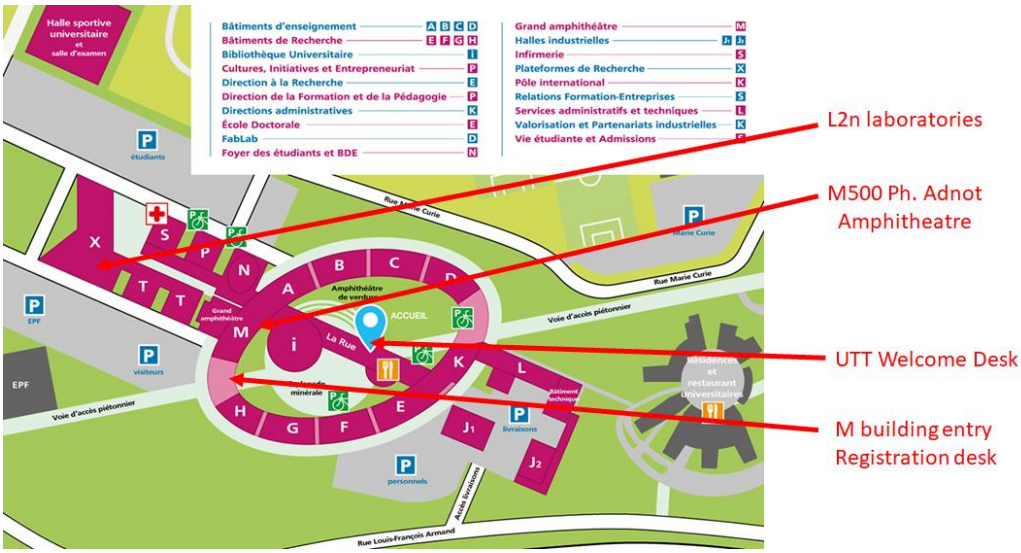
29th to 31st May 2024
Université de Technologie de Troyes
L2n UTT-CNRS

X & T buildings

Access map :



Programme of the school

Wednesday 29th May : amphitheatre A002

11.00 – 13.30	Arrival and welcome buffet
13.30 – 13.45	Welcome opening: C. Couteau and S. Whitlock
14.00 – 16.00	Basics for quantum technologies using superconducting qubits Given by Mathieu Féchant, KIT, Germany
16.00 – 16.30	Coffee break
16.30 – 18.30	Basics for quantum technologies using atoms Given by Adrien Signoles, Pasqal, France
19.00-22.00	Pétanque + BBQ

Thursday 30th May : amphitheatre N101

8.30 – 9.00	Welcome coffee
9.00 – 11.00	Basics for quantum technologies using photons Given by Nadia Belabas, CNRS, France
11.00 – 11.30	Coffee break
11.30 – 12.30	Companies in the field 1/3 Given by Mathilde Lemang-QPHOX, Netherlands *& Arnaud Landragin-Muquans, France*
12.30 – 14.00	Lunch break : buffet and entangling
14.00 – 15.00	Companies in the field 2/3 Given by Lucas Hanouz-VeriQloud, France & Mohammad Haidar-Qubit Pharmaceuticals, France
15.00 – 15.30	Coffee break
15.30 – 17.30	Basics for quantum technologies using trapped ions Given by Tobias Schatz, University of Freiburg, Germany
19.00 - 21.00	Social event : visit at the stain-glass museum + diner buffet in Troyes city centre

Friday 31st May : amphitheatre N101

8.30 – 9.00	Welcome coffee
9.00 – 11.00	Basics for quantum technologies using electrons Given by Maud Vinet, Quobly, France
11.00 – 11.30	Companies in the field 3/3 Given by Val Zwiller, SingleQuantum, Netherlands
11.30 – 13.30	Lunch break : buffet and entangling
13.30 – 15.00	L2n lab tour of the nano'mat platform: clean room facilities & work related to quantum technologies
16.00	End of the school

Organising committee
Christophe Couteau (UTT)
Youma Ducret (Unistra)
Shannon Withlock (Unistra)

To register :
xxx

For more info :
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https://recherche.utt.fr/light-nanomaterials-nanotechnologies-l2n
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https://www.digiq.eu/

Contact : quantum@utt.fr

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