

Program

Winter School on "Introduction to Piezoelectric Mechatronics"

Amphi-C, UTTOp

Tarbes France

February 16-20, 2026

(<https://rakoton.net/Schools/PiezoMechatronics/>)

	8h15-8h30	8h30-10h00	10h00-10h30	10h30-12h30	12h30-13h30	13h30-15h30	15h30-16h00	16h00-17h30
Monday, February 16	Welcome coffee	<i>Lecture by: <b>Micky Rakotondrabe</b> (fundamentals, modeling)</i>	Coffee break	<i>Lecture by: <b>Micky Rakotondrabe</b> (nonlinear modeling, self-sensing)</i>	Lunch	<i>Lecture* by: <b>Susan Troilier-McKinstry</b> (Materials aspects)</i>	Coffee break	<i>Lecture by: <b>Micky Rakotondrabe</b> (applications)</i>
Tuesday, February 17	Welcome coffee	<i>Lecture by: <b>Angelica Torres</b> (Surface haptics)</i>	Coffee break	<i>Tutorial by: <b>Angelica Torres</b> (Surface haptics)</i>	Lunch	<i>Tutorial by: <b>Angelica Torres</b> (Surface haptics)</i>	Coffee break	<i>Lecture* by: <b>Gerardo Flores</b> (Nonlinear control)</i>
Wednesday, February 18	Welcome coffee	<i>Lecture* by: <b>Jie Ling</b> (Design and control for Aerospace applications)</i>	Coffee break	<i>Lecture* by: <b>Sofiane Khadraoui</b> (Robust control)</i>	Lunch	<i>Lecture by: <b>Khanh-T-P Nguyen</b> (piezo based SHM)</i>	Coffee break	<i>Tutorial by: <b>Khanh-T-P Nguyen</b> (piezo based SHM)</i>
Thursday, February 19	Welcome coffee	<i>Tutorial by: <b>Micky Rakotondrabe</b> (feedforward feedback control)</i>	Coffee break	<i>Tutorial by: <b>Micky Rakotondrabe</b> (feedforward feedback control)</i>	Lunch	<i>Tutorial by: <b>Micky Rakotondrabe</b> (feedforward feedback control)</i>	Coffee break	<i>Tutorial by: <b>Micky Rakotondrabe</b> (feedforward feedback control)</i>
Friday, February 20	Welcome coffee	<i>Tutorial by: <b>Micky Rakotondrabe</b> (feedforward feedback control)</i>	Coffee break	<i>Tutorial by: <b>Micky Rakotondrabe</b> (feedforward feedback control)</i>	Lunch	<b>Social Event</b>		

Lecture\*: online lecture

Tutorials: all tutorials will be on Matlab/Simulink