Instruct-ERIC course and MR LATVIA workshop
"Modern NMR for Biomolecular Interactions: From Solution and Solid-State to Hyperpolarization and AI"

The course is being organized by the National Institute of Research and Innovation (ex. Latvian Institute of Organic Synthesis), a part of the Instruct-ERIC research site, together with CNRS, Lyon, France and CIRMMP, Florence, Italy.

Time: June 8-11, 2026 (4 days)

Venue: National Institute of Research and Innovation (NIRI), Aizkraukles 21, LV-1006, Riga, Latvia

Target group: PhDs, Postdocs and ESRs

	Day 1 – 8th June	**Day 2 – 9th June**	**Day 3 – 10th June**	**Day 4 – 11th June**
Morning session 9:00-12:00	Coffee	Coffee	Coffee	Coffee
	Lecture: Protein liquid-state interactions NMR *Julien Orts*	Lecture: Protein-protein/ DNA interactions/ liquid-liquid phase separation *Mihajlo Novakovic*	Lecture: Ultra-fast MAS bio solid-state NMR *Guido Pintacuda*	Data Analysis from Hand on sessions *Alons Lends*
	Lecture: High field NMR liquid-state *Roberta Pierattelli*	*Lecture:* *Molecular modelling and AI to study bio interactions* *Kirill Zinovjev*	Lecture: High field DNP for bio solid-state NMR *Tanguy Le Marchand*	Lecture: RNA/DNA NMR *Loic Salmon*
Lunch Break 12:00 – 13:00				
Afternoon session 13:00-17:00	Keynote Lecture: NMR applications for drug COVID-19 candidate discoveries *Harald Schwalbe*	Lecture: Protein Dynamics *Tsyr-yan Yu* Lecture: NMR applications to drug discovery *Julien Orts*	Lecture: Bio solid-state NMR for interactions *Anne Schutz*	*Lecture:* *AI applications for bioNMR* *Vladislav Orekhov*

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Afternoon session 13:00-17:00	Practical liquid-state/solid-state NMR *Tanguy Le Marchand/ Linda Cerofolini*	Practical liquid-state/solid-state NMR *Tanguy Le Marchand/ Linda Cerofolini*	Practical liquid-state/solid-state NMR *Tanguy Le Marchand*	Lecture: Hyperpolarization for protein liquid- state NMR *Dennis Kurzbach*
	Presented by *Alons Lends* Moderated by *Guido Pintacuda*	Free Time	Free time	Free time
	Dinner for Speakers Adress: GastroPub Abbey, Kalķu street 6 Riga, Latvia, LV-1050	Dinner	Dinner	*Joint Dinner* Adress: Meistaru street 10/12 Riga, Latvia, LV-1050

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