



# Nederlandse Vereniging voor Kristallografie Dutch Crystallographic Society **Young Researchers Retreat 2022**

## DAY 1 - Thursday September 29, 2022

10:30	11:30	Registration	
11:30	11:45	<b>Welcome</b>	<b>By: Organising team</b>
11:45	12:45	Lunch	
13:00	14:15	<b>Presentations participants</b>	<b>Host: Ida</b>
		Alejandro Yeste Vazquez (VU)	Cyclic peptides as inhibitors of oncogenic Wnt signalling
		Simon Lepinay (UvA)	TBA
		Canan Durukan (VU)	Peptidomimetic-Fragment Conjugates for NF-YB/C modulation
		Lian Blijlevens (Radboud University)	Screening of double sulfate salts for heat storage Mat4Heat: Heat batteries for sustainability
14:15	14:30	Coffee break	
14:30	15:30	<b>Presentations participants</b>	<b>Host: Jitse</b>
		Albaraa Falodah (UU)	MetaChemistry: the way to the Philosopher's Stone?
		Ida de Vries (NKI)	AlphaFill: Enriching AlphaFold models with ligands, co-factors and metal ions
		Jyoti Yadav (Technobis CS)	Effect of solvent composition on solubility, thermodynamics, MSZW and crystal habit of ascorbic acid
15:30	16:00	Break	
16:00	17:00	<b>Keynote speaker</b>	<b>Host: Sandra</b>
		Dr. Yesid A. Ramirez	Heritage and integration of empirical plant knowledge into modern medicine: The case of cannabis.
17:00	17:45	<b>Discussion: Young crystallographers</b>	<b>Host: Ida</b>
17:45	18:45	<b>Meet the sponsor: Bruker</b>	<b>Host: Jitse</b>
18:45	20:45	Dinner	
21:00	00:00	<b>Evening program</b>	<b>Host: Tade</b>

## DAY 2 - Friday September 30, 2022

08:30	10:00	Breakfast	
10:00	12:00	<b>Career session</b>	<b>Host: Jitse</b>
			With Eldico Scientific, Malvern Panalytical, Smidgentec BV, STOE, Technobis Crystallization Systems & ThermoFisher Scientific
12:00	13:00	Lunch	
13:00	14:00	<b>Presentations participants</b>	<b>Host: Tade</b>
		Jitse van der Horn (UU)	Diffuse Scattering in Protein X-Ray Crystallography
		Shilpa Rames (MU)	Prussian Blue Analogues
		Sandra Eltschkner (UvA)	Hijacking the plant DNA replication machinery - towards the structure of the viral replication initiator protein and its interaction partners
14:00	14:15	Coffee break	
14:15	15:15	<b>Presentations participants</b>	<b>Host: Sandra</b>
		Tadeus Hogenelst (UvA & ARCNL)	PLD growth of (TaNbHfTiZr)C multi-elemental carbide: influence of deposition pressure and substrate temperature on crystallinity
		Wouter Beugelink (UU)	Solution scattering of the Teneurin ectodomain reveals compact conformation
		Zixiong Sun (UT)	Optimizing the energy storage performances of ferroelectric multilayers by fabricating Schottky barrier
15:15	15:30	Closing	<b>By: Organising team</b>

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