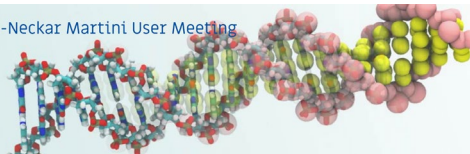


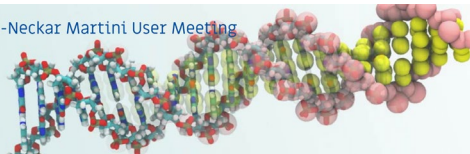
Thursday, 13 February

10:00-10:30:	Registration	Foyer
10:30-12:00:	Opening Session – Chair: Fabian Grünewald	Carl Bosch Auditorium
10:30-10:40:	Welcome by HITS Deputy Scientific Director Rebecca Wade	
10:40-11:40:	Keynote Talk - Paulo Telles Souza <i>"Martini 3: A journey through development and future prospects"</i>	
11:40-12:00:	Talk - Luis Pedro Borges Araújo <i>"An overview of the martini 3 protein model: past, present and future."</i>	
12:00-13:30:	Lunch	Foyer
13:30-14:50:	Proteins & LNPs – Chair: Camilo Aponte-Santamaria	Carl Bosch Auditorium
13:30-13:50:	Talk 1 – Floris J. van Eerden: <i>"Martini and the T cell receptor enigma"</i>	
13:50-14:10:	Talk 2 – Lukas Stelzl: <i>"Martini3 simulations of protein condensates"</i>	
14:10-14:30:	Talk 3 – Adiran Garaizar Suarez <i>"LNP Simulations in an industry setting"</i>	
14:30-14:50:	Talk 4 – David Noel Zimmer: <i>"Ionizable Cationic Lipids and Helper Lipids Synergistically Contribute to RNA Packing and Protection in Lipid-Based Nanomaterials"</i>	



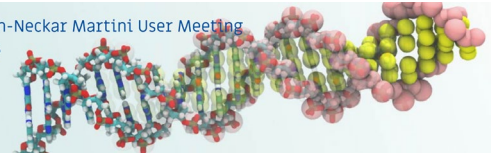
Thursday, 13 February

14:50-15:30:	Coffee Break	Foyer
15:30-16:50:	Tools, Resources & High-Throughput – Chair: Roberto Covino	Carl Bosch Auditorium
15:30-15:50:	Talk 1 – Fabian Gruenewald: <i>"High-Throughput simulations with Martini; how close are we?"</i>	
15:50-16:10:	Talk 2 – Luis Walter: <i>"Navigating Chemical Space: An Active Learning Strategy Using Multi-Level Coarse-Graining"</i>	
16:10-16:30:	Talk 3 – Christian Pfaendner: <i>"Backmapping From Martini to Atomistic Resolution: Recent Advances and the Fragment/ML-Based Method ART-SM"</i>	
16:30-16:50:	Talk 4 – Hyuntae (Henry) Kim: <i>"Neighbor list artifacts in molecular dynamics simulations"</i>	
17:00-17:05:	General Information	
17:05-18:30:	Poster Session	Fritz Haber & Foyer
19:00-22:00:	Conference Dinner	Foyer



Friday, 14 February

9:15-10:15:	Group Discussions	<i>Studio Villa Bosch</i>
10:15-11:15:	Panel Discussions	<i>Carl Bosch Auditorium</i>
11:15-11:55:	Coffee Break	<i>Foyer</i>
11:55-12:35:	Proteins – Chair: Frauke Graeter	<i>Carl Bosch Auditorium</i>
11:55-12:15:	Talk 1 – Rebecca Wade <i>“Scaling Protein–Water Interactions in the Martini 3 Coarse-Grained Force Field to Simulate Transmembrane Helix Dimers in Different Lipid Environments”</i>	
12:15-12:35:	Talk 2 – Johanna Buck: <i>“Studying Crosslinked Collagen Fibrils Under Force”</i>	
12:35-13:50:	Lunch	<i>Foyer</i>
13:50-14:50:	Lipid Membranes I – Chair: Giovanni Settani	<i>Carl Bosch Auditorium</i>
13:50-14:10:	Talk 1 - Cristina Gil Herrero <i>“Modulating Lipid Membranes by Light”</i>	
14:10-14:30:	Talk 2 – Serena Maria Arghittu: <i>“Self-regulation of Mycoplasma pneumoniae's Lipid Scavenger P116 by the Cargo Volume”</i>	
14:30-14:50:	Talk 3 – Saara Lautala: <i>“Lipid dependent membrane association of E-Syt3 domains at ER-PM contact sites”</i>	



Friday, 14 February

- 14:50-15:00: **Coffee Break** *Foyer*
- 15:00-16:00: **Lipid Membranes II – Chair: Sebastian Thallmair** *Carl Bosch Auditorium*
- 15:00-15:20: **Talk 1 – Fabio Lolicato:**
“The Synergistic Interplay of Protein Oligomerization and Lipid Sorting in Cellular Membrane Remodeling”
- 15:20-15:40: **Talk 2 – Ramachandra Bhaskara:**
“Role of membrane remodeling in health and disease”
- 15:40-16:00: **Talk 3 – Roberto Covino:**
“Mechanism, free energy, and rates from MARTINI simulations of transmembrane assembly”
- 16:00-16:10: **Closing Remarks**