	Friday Jun 2	Saturday Jun 3 **General Techniques**	Sunday Jun 4 **Biophysics and binding**	Monday Jun 5 **Informatics**	Tuesday Jun 6 **Small molecule chemistry**	Wednesday Jun 7	Thursday Jun 8 **Biologics**	Friday Jun 9 **Case Studies**	Saturday Jun 10
8:30		Introduction (Directors & IT) (15') FEBS MIC (15')							
9	ARRIVALS *(Dinner provided)*	Historical Perspective **(T. Blundell)**	Measuring binding affinities **(F. von Delft)**	Machine learning in drug discovery **(C. Deane)**	General MedChem **(M. Congreve)**	Case study 1 **(G. Verkhivker)**	Intro to Biologics **(C. Deane)**	Structure-based drug discovery targeting HIV reverse transcriptase **(E. Arnold)**	DEPARTURES
9:45		Introduction to crystallography **(C. Lesburg)**	Protein Conformational Landscapes (**M. Fischer**)	Target selection drug discovery **TBD**	Compound design **(A. Bradley)**	Accelerating drug discovery (**A. Kotecha**)	Rational design **(S.J. Fleishman)**	Case study 3 **(S. Jacob)**	
10:30		*Coffee*	*Coffee*	*Coffee*	*Coffee*		*Coffee*	*Coffee*	
11:00		CryoEM in drug discovery **(G. Scapin)**	Computing Drug Binding Kinetics **(R. Wade)**	Data integration & pharmacology **(A. Bradley)**	In Silico SB optimization for accelerated drug discovery (**E. Davis**)	Talks from abstracts	Biologics Developability **(R. Buick)**	Talks from abstracts	
11:45		High-throughput and automation **(F. von Delft)**	Allostery & Dynamics (experimental) **(TBD)**	Docking, Free energy calculation and Molecular Dynamics **(S. Riniker)**	3D structures, interactions, and implications (**AY Sheikh**)		Atoms up protein engineering **(J. Williams)**		
12:30		*Lunch*	*Lunch with poster preview*	*Lunch*	*J. William How to start a company*	Excursion	*Lunch with poster preview*	*Lunch*	
2:30		Project Moonshot **A. VonDelft**	WS	WS	WS		WS	Case study 4 **(J. Petersen)**	
3:15		Machine learning and protein structure prediction: present and future (**C. Outeiral Rubiera)**						Cu' havi 'na bona vigna, havi pani, vinu e ligna" – Startups **(J. Williams)**	
4:00		*Coffee*	*coffee*	*Coffee*	*coffee*		*coffee*	*coffee*	
4:30		WS Intro	WS	WS	WS		WS	Where will SB be in 10 years? (S. Jacob)	

								+ group discussion	
5:15		Ice Breaker						Closing Remarks	
6:00		Intro to Erice	Poster Session Odd Numbers				Poster Session Even Numbers		
8:00		Welcome buffet	Dinner at posters				Dinner at posters	Farewell dinner	

Workshop schedule

Sunday – 4 June		Monday – 5 June		Tuesday – 6 June		Thursday – 8 June	
2:30-4:00	4:30-6:00	2:30-4:00	4:30-6:00	2:30-4:00	4:30-6:00	2:30-4:00	4:30-6:00
Ligand crystallography /Hands on compound building ***C. Lesburg***	**Ligand crystallography /Hands on compound building** ***C. Lesburg***	**General Machine Learning** ***Fergus Boyles***	**General Machine Learning** ***Fergus Boyles***	**Biologics design – Rosetta** ***Sarel Fleishman***		**Hands-on single-particle cryoEM data analysis with cryoEDU** ***M. Herzik***	
General Machine Learning ***Fergus Boyles***	**General Machine Learning** ***Fergus Boyles***	**Virtual Screening at Giga Scale** ***Steve Muchmore (OpenEye)***	**Virtual Screening at Giga Scale** ***Steve Muchmore (OpenEye)***	**In silico SB optimization for Accelerated Drug Discovery** ***Schroedinger***		**In silico SB optimization for Accelerated Drug Discovery** ***Schroedinger***	
Hands-on single-particle cryoEM data analysis with cryoEDU ***M. Herzik***	**Hands-on single-particle cryoEM data analysis with cryoEDU** ***M. Herzik***	**CCDC**	**CCDC**	**SmartEPU and G2** ***A. Kotecha (TFS)***	**SmartEPU and G2** ***A. Kotecha (TFS)***	**Biologics design – SabDab** ***Charlotte Deane***	**Biologics design – SabDab** ***Charlotte Deane***