

A decade of fully automatic data collection at ESRF

Thursday 5th December 2024 - ESRF Auditorium		
08:30 - 08:50	<i>Registration</i>	<i>ESRF Central Building</i>
08:50 - 09:00	Welcoming remarks	Michael Krisch (ESRF DoR) and Kristina Djinovic-Carugo (Head, EMBL Grenoble)
09:00 - 09:30	MASSIF insights into the regulation of chromatin structure	Daniel Panne (Leicester)
09:30 - 10:00	Reintroducing expertise into data collection protocols without loss of automation: the Global Phasing Workflow	Gerard Bricogne (Global Phasing Limited)
10:00 - 10:30	<i>Coffee Break in the ESRF entrance hall</i>	
10:30 - 11:00	Different Flavours of Automation in MX Beamline Data Collection	Katherine McAuley (SLS)
11:00 - 11:30	20 years of instrument development for MX	Gergely Papp (EMBL)
11:30 - 12:00	Understanding influenza polymerase using crystallography and electron cryo-microscopy.	Stephen Cusack (EMBL)
12:00 - 14:00	<i>Lunch in the ESRF Visitor Centre</i>	
14:00 - 14:30	Exploring antifungal bromodomain inhibition with the help of MASSIF-1	Carlo Petosa (IBS)
14:30 - 15:00	Down memory lane: what MASSIF brought to our research	Magali Mathieu (Sanofi)
15:00 - 15:30	<i>Coffee Break in the ESRF entrance hall & group picture</i>	
15:30 - 16:00	Order from Disorder: towards molecular architecture of sarcomeric Z-disc using integrative structural biology	Kristina Djinovic-Carugo (EMBL)
16:00 – 16:30	Structure-Based Drug Design using MASSIF-1	Gilles Labesse (CBS)
16:30 – 17:30	“Instrumentation developments for MASSIF-1” and “What have we learned from 10 years of automatic data collection?”	Didier Nurizzo (ESRF) and Matthew Bowler (EMBL)
19:30	<i>Gala Dinner, La Belle Idee, 7 Crs Jean Jaurès, 38000 Grenoble https://labelleidee-grenoble.fr/</i>	