Detailed scientific program (including keynote lectures, poster sessions & open discussions):	
DAY 1, OCTOBER 15	**SUNDAY**
15:00	**REGISTRATION OPEN**
17:45	**OPENING REMARKS: Organizing Committee**
18:00 – 19:00	**KEYNOTE LECTURE: Tom Misteli** The stochastic nature of genome organization and function
19:00 – 20:00	*WELCOME DRINK*
20:00	*DINNER*
DAY 2, OCTOBER 16	**MONDAY**
8:30 – 10:30	**SESSION 1: CHROMATIN MODIFICATIONS** **Speakers:** **Petra Hajkova:** Plasticity and dynamics of epigenetic information **Simone Sidoli:** Mass-spectrometric and proteomic approaches to study histone modifications **Alejandra Loyola:** Functions of histone modifications and histone variants **Two short talks selected from the abstracts**
10:30 – 11:00	*COFFEE BREAK*
11:00 – 13:00	**SESSION 1 (continued): CHROMATIN MODIFICATIONS** **Speakers:** **EMBO YIP Lecture - Tuncay Baubec:** High-throughput functional analysis of epigenetic gene regulatory circuits **Till Bartke:** Decoding chromatin states by proteomic profiling of modification-dependent nucleosome readers **Andreas Ladurner:** Chromatin regulation by ADP-ribosylation **Two short talks selected from the abstracts**
13:00 – 15:00	*LUNCH & FREE TIME*
15:00 – 17:30	**SESSION 2: SPATIAL & INTERACTION PROTEOMICS** **Speakers:** **Michiel Vermeulen:** Investigating the regulation of gene expression using quantitative interaction proteomics **Kathryn Lilley:** Spatial maps of the subcellular proteome **Anne-Claude Gingras:** Mapping the dynamics of cellular compartments by proximity-dependent biotinylation **Two short talks selected from the abstracts** **Poster flash talks (for poster session 1)**
17:30 – 20:00	**POSTER SESSION 1**
20:00	*DINNER*
DAY 3, OCTOBER 17	**TUESDAY**
8:30 – 10:30	**SESSION 3: STRUCTURAL PROTEOMICS** **Speakers:** **Hitoshi Kurumizaka:** Structural biology of chromatin **Pedro Beltrao:** Multi-omics data integration of post-translational modification landscapes **Georg Kustatscher:** Probing the dynamics of chromosome composition by computational proteomics **Two short talks selected from the abstracts**
10:30 – 11:00	*COFFEE BREAK*
11:00 – 12:30	**SESSION 4: MULTI-OMICS DATA INTEGRATION** **Speakers:** **Alexey Nesvizhskii:** FragPipe: a comprehensive computational platform for proteomics, proteogenomics, and chemoproteomics **Jussi Taipale:** Towards predicting gene expression from DNA sequence **Two short talks selected from the abstracts**
12:30 – 13:15	**WOMEN IN SCIENCE LECTURE: Speaker to be confirmed** Title to be confirmed
13:15 – 15:00	*LUNCH & FREE TIME*
15:00 – 17:00	**PROBLEM SOLVING WORKSHOP** **1:1 speaker/participant pairs**

17:30	***EXCURSION TO CHANIA OLD TOWN AND DINNER IN CHANIA*** *(optional, extra cost)*
20:00	*DINNER AT HOTEL (for those not participating in the excursion)*
DAY 4, OCTOBER 18	**WEDNESDAY**
8:30 – 10:30	**SESSION 5: QUANTITATIVE APPROACHES TO TRANSCRIPTION** **Speakers:** **Tineke Lenstra:** Understanding transcription in single living cells **Gordon Hager:** Transcription factor dynamics in live cells, and interactions with the cohesin complex **Naama Barkai:** How transcription factors find their binding sites in large genomes – the role of intrinsically disordered regions **Two short talks selected from the abstracts**
10:30 – 11:00	*COFFEE BREAK*
11:00 – 12:30	**SESSION 6: HIGH-RESOLUTION IMAGING OF THE NUCLEUS** **Speakers:** **Melike Lakadamyali:** Super-resolution imaging of chromatin organization and dynamics **Musa Mhlanga:** Vizualization of chromatin dynamics by live cell imaging **Two short talks selected from the abstracts**
12:30 – 13:15	**EMBO SCIENCE POLICY LECTURE: Speaker to be confirmed** Title to be confirmed
13:15 – 15:00	*LUNCH & FREE TIME*
15:00 – 17:30	**SESSION 7: CHROMATIN & METABOLISM** **Speakers:** **Kathryn Wellen:** Compartmentalization of acyl-CoA metabolism and roles in chromatin regulation **Axel Imhof:** Cross-talk between metabolism and histone modifications **Nathaniel Snyder:** Compartmentalization of coenzyme metabolism within cells **Two short talks selected from the abstracts** **Poster flash talks (for poster session 2)**
17:30 – 20:00	**POSTER SESSION 2**
20:00	*DINNER*
DAY 5, OCTOBER 19	**THURSDAY**
8:30 – 10:30	**SESSION 8: SINGLE CELL GENOMICS & PROTEOMICS** **Speakers:** **Jop Kind:** Spatial genome organization and gene regulation in single cells **Nikolai Slavov:** Analyzing the nuclear proteome of single-cells **Maria Colomé-Tatché** – to be confirmed **Two short talks selected from the abstracts**
10:30 – 11:00	*COFFEE BREAK*
11:00 – 13:00	**SESSION 9: DNA REPLICATION & REPAIR** **Speakers:** **Genevieve Almouzni:** Maintenance of the epigenome through cell divisions **Constance Alabert:** Mechanisms of DNA replication in the context of chromatin **Evi Soutoglou:** Chromatin and nuclear dynamics in the maintenance of replication fork integrity **Two short talks selected from the abstracts**
13:00 – 15:00	*LUNCH & FREE TIME*
15:00 – 17:15	**SESSION 10: NUCLEAR ARCHITECTURE** **Speakers:** **EMBO KEYNOTE LECTURE - Ana Pombo:** Multiome-GAM: connecting cell states with 3D genome structure **Nils Krietenstein:** Mapping the 3D genome with nucleosome resolution **Wendy Bickmore:** Enhancer-promoter communication: is close enough, enough? **Two short talks selected from the abstracts**
17:30 – 18:15	**OPEN DISCUSSION: Current and future challenges in nuclear biology**
18:15 – 18:30	**BEST PRESENTATION & POSTER PRIZE AWARDS**

	CLOSING REMARKS: Organizing Committee
19:00	*DINNER*
20:30	*FAREWELL SOCIAL EVENT (Beach Party)*
DAY 6, OCTOBER 20	**FRIDAY**
	BREAKFAST AND DEPARTURE