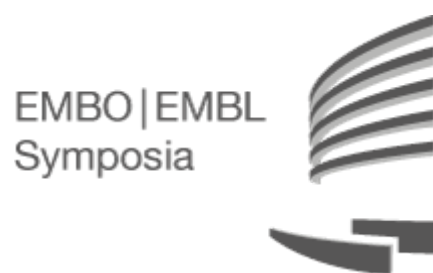




# The Four-Dimensional Genome - Virtual



## EMBL Courses and Conferences during the Coronavirus pandemic

With the onsite programme paused, many of our events are now being offered in virtual formats.

Registration is open as usual for many events, with back-up plans in place to move further courses and conferences online as necessary. Registration fees for any events affected by the COVID-19 disruption are fully refundable.

More information for participants of events at EMBL Heidelberg can be found [here](#).

## Programme

Got something to say? Tweet it! #EES4Dimensional

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### Day 1 - Monday 30 March 2020

Time (EST)	Time (CET)	Speaker
08:00-08:10	14:00-14:10	Opening remarks by Bas van Steensel

<b>08:10-10:10</b>	<b>14:10-16:10</b>	<b>Virtual Session 1 chaired / moderated by Jan Ellenberg</b>
<b>08:10-08:40</b>	<b>14:10-14:40</b>	<b>Revealing fundamental aspects of human nucleolar biology, one NOR at a time</b> Brian McStay, National University of Ireland, Galway, Ireland
<b>08:40-09:10</b>	<b>14:40-15:10</b>	<b>Ovulation suppression prevents the increase in egg aneuploidy with maternal age</b> Kikuë Tachibana, Institute of Molecular Biotechnology, Austria
<b>09:10-09:40</b>	<b>15:10-15:40</b>	<b>Genome Folding, Unfolding, and Refolding in the Mammalian Brain</b> Jennifer E. Phillips-Cremins, University of Pennsylvania, USA
<b>09:40-10:10</b>	<b>15:40-16:10</b>	<b>Bridging microscopy and genomics with TSA-Seq to study nuclear genome organization</b> Andrew S. Belmont, University of Illinois, USA
<b>10:10-11:00</b>	<b>16:10-17:00</b>	<b>Break and Virtual Poster Session 1 (all posters) with discussion channel on 'Slack'</b>
<b>11:00-12:30</b>	<b>17:00-18:30</b>	<b>Virtual Session 2 chaired / moderated by Wendy Bickmore</b>
<b>11:00-12:00</b>	<b>17:00-18:00</b>	<b>Virtual Keynote: Form and function of extensively engineered yeast genomes</b> Jef D. Boeke, NYU Langone Health, USA
<b>12:00-12:30</b>	<b>18:00-18:30</b>	<b>Control of chromosome surface properties during cell division</b> Sara Cuylen-Häring, EMBL Heidelberg, Germany
<b>12:30-13:30</b>	<b>18:30-19:30</b>	<b>Pre-recorded short talks (10 min each) available on demand on EMBL's mediasite with discussion channels on 'Slack'</b>

Digital posters and pre-recorded short talks as well as discussion channels will be available for registered participants throughout the whole virtual meeting.

## Day 2 - Tuesday 31 March 2020

<b>Time (EST)</b>	<b>Time (CET)</b>	<b>Speaker</b>
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		<b>Pre-recorded short talks (10 min each) available on demand</b>
<b>07:10-08:10</b>	<b>13:10-14:10</b>	<b>on EMBL's mediasite with discussion channels on 'Slack'</b>
<b>08:10-10:10</b>	<b>14:10-16:10</b>	<b>Virtual Session 3 chaired / moderated by Christian Häring</b>
<b>08:10-08:40</b>	<b>14:10-14:40</b>	<b>Revealing dynamic control mechanisms of local chromatin structure</b> Beat Fierz, École Polytechnique Fédérale de Lausanne, Switzerland
	<b>14:40-16:00</b>	<b>Technical Break</b>
<b>10:00-10:30</b>	<b>16:00-16:30</b>	<b>How local and higher-order chromosome structure shapes the meiotic recombination landscape</b> Scott N. Keeney, Memorial Sloan Kettering Cancer Center, USA
<b>10:30-11:00</b>	<b>16:30-17:00</b>	<b>Architecture of meiotic chromosomes</b> Simone Köhler, EMBL Heidelberg, Germany
<b>11:00-11:30</b>	<b>17:00-17:30</b>	<b>Nonlinear control of transcription levels through enhancer-promoter interactions</b> Luca Giorgetti, Friedrich Miescher Institute for Biomedical Research, Switzerland
<b>11:30-11:45</b>	<b>17:30-17:45</b>	<b>Break</b>
<b>11:45-13:15</b>	<b>17:45-19:15</b>	<b>Virtual Session 4 chaired / moderated by Susan Gasser</b>
<b>11:45-12:15</b>	<b>17:45-18:15</b>	<b>Diversity in transcription factor mobility in constrained domains of chromatin</b> Kenneth S. Zaret, University of Pennsylvania Perelman School of Medicine, USA
<b>12:15-12:45</b>	<b>18:15-18:45</b>	<b>Loop extrusion with barriers as a genomic communication system</b> Leonid Mirny, Massachusetts Institute of Technology, USA
<b>12:45-13:15</b>	<b>18:45-19:15</b>	<b>Regulation of mitotic chromosome structure and function by histones</b> Hironori Funabiki, The Rockefeller University, USA
<b>13:15-13:25</b>	<b>19:15-19:25</b>	<b>Closing remarks by Susan Gasser</b>

**Digital posters and pre-recorded short talks as well as discussion channels will be available for registered participants throughout the whole virtual meeting.**

