



# Programme Overview

UTC	JST	PDT	EDT	BST	CEST	Saturday, September 4 <sup>th</sup> , 2021	Sunday, September 5 <sup>th</sup> , 2021	Monday, September 6 <sup>th</sup> , 2021	Tuesday, September 7 <sup>th</sup> , 2021	Wednesday, September 8 <sup>th</sup> , 2021
					10:00am		POSTERS <i>Only ON-SITE</i>	POSTERS <i>Only ON-SITE</i>		
					11:30am				EBBS AGM	
9:45am	6:45pm	2:45am	5:45am	10:45am	11:45am		A roadmap to translation of circuit neuroscience  Hot Topic led by <b>Christian Lüscher, with Aryn Gittis and Botond Roska</b>  Supported by NCCR Synapsy	Machine Learning & Neuroscience  Hot Topic chaired by <b>Wulfram Gerstner, with Mackenzie Mathis, Pavan Ramdya and Nadine Gogolla</b>  Supported by EPFL-Brain Mind Institute		
10:30am	7:30pm	3:30am	6:30am	11:30am	12:30am				<b>Symposium</b> Awarded Young Investigators <b>Daide Albertini</b> <b>Simon Chang</b> <b>Mattia Chini</b> <b>Hui-Kuan Chung</b> <b>Marie Labouesse</b> <b>Sylvie Lesuis</b> <b>Niels Niethard</b> <b>Alicja Puścian</b> <b>Silvana Valtcheva</b>  Supported by IBRO-PERC	
11:00am	8:00pm	4:00am	7:00am	12:00am	1:00pm					
11:30am	8:30pm	4:30am	7:30am	12:30am	1:30pm	<b>Kavli Opening Lecture</b> Neural network dynamics of entorhinal grid cells <b>Edvard Moser</b>	<b>Plenary Lecture</b> Stress-induced acetylcholine signaling in the hippocampus: too much of a good thing <b>Marina Picciotto</b>	<b>Plenary Lecture</b> Behavioural and neural basis of instinctive escape <b>Tiago Branco</b>		
12:15am	9:15pm	5:15am	8:15am	1:15pm	2:15pm	<b>Symposia</b> <ul style="list-style-type: none"> <li>➤ Tracking the acute stress response from basic research to clinical translation</li> <li>➤ Neural circuit function and behavior during development</li> <li>➤ Cortical subcortical interactions underlying cognition</li> </ul>	<b>Symposia</b> <ul style="list-style-type: none"> <li>➤ From sex to rage: understanding the female brain (AC Immune SA / Global BBP Brain Trust)</li> <li>➤ Thalamic regulation of emotional memory</li> <li>➤ Single-cell omics meets behavior: opportunities and challenges</li> </ul>	<b>Symposia</b> <ul style="list-style-type: none"> <li>➤ Early-life origins and sex-dependence of vulnerability to eating disorders</li> <li>➤ Broadening our conception of habit to improve translational validity</li> <li>➤ The Neurobiology of Mammalian Vector Coding: Boundaries, Objects, Goals and Abstract Spaces</li> </ul>	<b>Symposia</b> <ul style="list-style-type: none"> <li>➤ Neural mechanisms underlying social behavior</li> <li>➤ Neurobiological underpinnings of psychiatric disorders and their treatment</li> <li>➤ Human brain evolution beyond the cerebral cortex</li> </ul>	
1:45pm	10:45pm	6:45am	9:45am	2:45pm	3:45pm	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	
2:00pm	11:00pm	7:00am	10:00am	3:00pm	4:00pm	<b>Symposia</b> <ul style="list-style-type: none"> <li>➤ The Hippocampus and Remote Memory</li> <li>➤ Developmental origins of neuropsychiatric disorders: many roads, common mechanisms</li> <li>➤ Novel statistical and machine learning techniques to assess inter-individual behavioral variability</li> </ul>	<ul style="list-style-type: none"> <li>➤ Do we understand human aggressive behavior? In the search for brain mechanisms towards effective rehabilitation</li> <li>➤ Memory aids on the chromatin? Deciphering epigenetic modifications during memory formation</li> <li>➤ Brain basis of interoceptive mechanisms in adaptive and maladaptive behavior</li> </ul>	<ul style="list-style-type: none"> <li>➤ Neural substrates underlying post-traumatic stress disorder symptomatology and vulnerability</li> <li>➤ Learning and cognitive control in the orbitofrontal cortex</li> <li>➤ Neural mechanisms of real-world social interactions and their development measured with fNIRS</li> </ul>	<b>Closing Lecture</b> The Geometry of Decision Making <b>Iain Couzin</b>  (Tianqiao and Chrissy Chen Institute Lecture)	POSTERS <i>Only ONLINE</i>
2:45pm	11:45pm	7:45am	10:45am	3:45pm	4:45pm					<b>Closing ceremony</b>
3:35pm	00:35pm	8:35am	11:35am	4:35pm	5:35pm	<b>Conference opening</b> by Carmen Sandi & Mathias Schmidt ONLINE	<b>Plenary Lecture</b> Neural underpinnings of social homeostasis <b>Kay Tye</b>	<b>Plenary Lecture</b> Extracellular vesicles as systemic stress signals: Identifying novel mechanisms of trauma impacting neurodevelopment <b>Tracy Bale</b>	End	
				5:45pm	<b>Reception</b> <i>Only ON-SITE</i>					
4:20pm	1:20am (+1d)	9:20am	12:20am	5:20pm	6:20pm		End	End		