



## **7<sup>th</sup> Christmas Symposium 2018 – Department of Physiology**

**7<sup>th</sup> December 2018, Time: 12:45 – 17:20**

**Seminar Room, Department of Physiology, Bühlplatz 5, 3012 Bern**

**12:45 Lunch buffet (tea room)**

### **Scientific Program**

**Session 1 – *Christmas is a happy time, especially in Bullerby. Even the sparrows are happy because we put up sheaves of oats for them...***

**13:30 – 13:40 Welcome**

**13:40 – 14:00 Etienne de Coulon**

***Mechano-active Microelectrodearray (MaMEA): A Novel Tool for Assessing the Consequences of Rapid Strain Changes on Impulse Conduction***

**14:00 – 14:20 Sergej Kasavica**

***Christmas as a multi-sensory experience***

**14:20 – 14:40 Jannes Jegminat**

***A theory of christmas***

**14:40 – 15:00 Coffee break**

**Session 2 – *All of us children have to help with the work at Christmas time. We spent one whole day bringing in firewood on our sled.***

**15:00 – 15:20 Emma Volitaki**

***An anxious Christmas carol***

**15:20 – 15:40 Michiel van Wyk**

***Tiny gifts cause great excitement in retinal neurons***

**15:40 – 16:00 Andrea Buccarello**

***How Rudolf's glowing nose helped to speed up gift delivery***

**16:00 – 16:20 Coffee break**

**Session 3 – *Christmas day is certainly the longest day of the year, particularly the mornings. „These hours, in which you only sit around and keep on waiting and waiting, this is what let's you turn grey“, said Lasse.***

**16:20 – 16:40 Dominik Spicher**

***Nonlinear dendritic arbors help to learn***

**16:40 – 17:00 Duilio Potenza**

***Dear Santa: How many letters would you like to receive this year***

**17:00 – 17:20 Mario Acuña**

***The dynamic Santa's workshop - when elves swap jobs and get hyperactive***

**17:30 Christmas Party**