

Symposium Nobel Prizes 2017

Friday December 1st, 2017, 13.00-17.00 h

Location: UMCG, Room 16, 3rd floor, signposted

13:30-13:35 Symposium opening by KNG President Prof. Dr. Piet van der Kruit

13.35-13.40 Introduction of first speaker by Prof. Dr. Lubbert Dijkhuizen

13:40-14:25 The Nobel Prize in Physiology or Medicine 2017, awarded jointly to Jeffrey C. Hall, Michael Rosbash and Michael W. Young *"for their discoveries of molecular mechanisms controlling the circadian rhythm"*.

Speaker: **Prof. Dr. Roelof Hut**, Chronobiology, FSE RUG

14:25-14:30 Discussion

14:30-14:35 Introduction of second speaker by Prof. Dr. Petra Rudolf

14.35-15.20 The Nobel Prize in Physics 2017, awarded one half to Rainer Weiss, the other half jointly to Barry C. Barish and Kip S. Thorne *"for decisive contributions to the LIGO detector and the observation of gravitational waves"*.

Speaker: **Prof. Dr. Chris van den Broeck**, National Institute for Subatomic Physics, Amsterdam and RUG

15:20-15:25 Discussion

15:25-15:40 Break

15:40-15:45 Introduction of third speaker by Prof. Dr. Douwe Wiersma

15.45-16.30 The Nobel Prize in Chemistry 2017, awarded to Jacques Dubochet, Joachim Frank and Richard Henderson *"for developing cryo-electron microscopy for the high-resolution structure determination of biomolecules in solution"*.

Speaker: **Prof. Dr. Egbert Boekema**, Groningen Biomolecular Sciences and Biotechnology Institute (GBB)

16.30-16:40 Discussion and conclusion

16:40 h Drinks