

Thursday August 27 **Symposium 13**

Location: Room 3

Evolution of time-keeping mechanisms

Organizers: *Rinaldo C. Bertossa, University of Groningen, The Netherlands*
Gabriella Mazzotta, University of Padova, Italy

09.45 - 10.15	URS ALBRECHT (invited) The circadian clock mechanism in various organisms
10.15 - 10.45	RODOLFO COSTA (invited) Adaptive features of circadian clocks
10.45 - 11.15	<i>Coffee break</i>
11.15 - 11.35	VOLODYMYR DVORNYK Building-up the Cyanobacterial Circadian Clock: An Evolutionary Perspective
11.35 - 11.55	TOBIAS S. KAISER Lunar emergence time is locally adapted, heritable and correlated to circadian emergence time in the marine midge <i>Clunio marinus</i>
11.55 - 12.15	GUY BLOCH The social clock of bees: division of labor and plasticity in the circadian system of honey bees and bumble bees
12.15 - 12.35	SONJA V. SCHAPER Reproductive timing in Great Tits is influenced by early spring temperatures
12.35 - 12.55	MALCOLM VON SCHANTZ Diurnal preference alleles and evolution in the human clock genes PER3 and CLOCK
12.55 - 13.55	<i>Lunch</i>