

August 20-26, 2011  
Oxford, England

# XII Congress of the European Biological Rhythms Society

In association with  
the Japanese Society for Chronobiology

## Preliminary Timetable (16 May 2011)

### Saturday 20 August

The Registration desk will open at 12.00 and will be open daily throughout Congress from 09.00-17.00.

16.30-17.00	South Writing School	<b>OPENING CEREMONY</b>
17.00-18.00	South Writing School	<b>LE1: The Gwinner Lecture</b> Chair: Brian Follett <b>Speaker: Andrew Loudon</b> Title: Biological Clocks and the Problem of Environmental Challenge
19.00-21.00	Ashmolean Museum	<b>WINE RECEPTION with canapés</b>

### Events and facilities throughout the Congress 20 – 26 August 2011:

Event/Facility	Location	Availability
Registration Desk	North Atrium, Examination Schools	From noon – 17.00, 20 August Thereafter 09.00-17.00 daily
Posters	North Writing School, Examination Schools	09.00-19.30, 21-24 August
Poster Sessions	North Writing School, Examination Schools	18.00-19.00, 21-24 August
Trade Exhibition	North Writing School, Examination Schools	09.00-17.00, 21-23 August Take down before 11.00, 24 August
'Sun Dial: Night Watch' Art Exhibition	Corridor and Room 9, Examination Schools	09.00-17.00 21-25 August 09.00-13.30, 26 August
Art Exhibition Debate	Room 9, Examination School	18.00-19.30, 25 August
Conference Bar	Queen's College, High Street	From noon, 21-26 August
Internet Cafe	Room X, Examinations School	09.00-17.00
Press Room	Room X, Examination School	09.00-17.00
Congress Office	Room X, Examination Schools	From noon – 17.00, 20 August Thereafter 09.00-17.00 daily
Luggage/Coat Room	Room X, Examination School	From noon – 17.00, 20 August Thereafter 09.00-17.00 daily

## Sunday 21 August

09.30-10.30	South Writing School	<b>LE2: The J Ariens-Kappers Lecture</b> Chair: Bambos Kyriacou <b>Speaker: Charlotte Helfrich-Förster</b> Title: What we have learnt from the circadian system of the fruit fly?
10.30-11.00	North Writing School	<b>COFFEE BREAK</b> (Trade Exhibition and Posters)
11.00-13.00	South Writing School <b>Symposium 1</b> <b>Photic Entrainment</b>	East Writing School <b>Symposium 2</b> <b>Circadian Output Pathways</b>
11.00-11.30	<b>Chair: Stuart Peirson</b> <b>Title: Characterising the role of melanopsin isoforms using siRNA</b>	<b>Chair: Valérie Simonneaux</b> <b>Title: TBA</b>
11.30-12.00	Invited Speaker: Rob Lucas Title: Melanopsin contributions to visual information in the mouse brain	Invited Speaker: QY Zhou Title: TBA
12.00-12.30	Invited Speaker: Samer Hattar Title: TBA	Invited Speaker: Debra Skene Title: TBA
	<b>Short Communications</b>	<b>Short Communications</b>
12.30-12.45	Speaker: Title:	Speaker: Title:
12.45-13.00	Speaker: Title:	Speaker: Title:
13.00-13.15	Speaker: Title:	Speaker: Title:
13.15-14.150	<b>LUNCH</b>	
14.15-16.30	South Writing School <b>Symposium 3</b> <b>Chronotype Ecology</b>	East Writing School <b>Symposium 4</b> <b>Molecular Clocks - Vertebrates</b>
14.15-14.45	<b>Chair: Roelof Hut</b> <b>Title: Reduced food intake shifts activity rhythms in house mice</b>	<b>Chair: Pat Nolan</b> <b>Title: TBA</b>
14.45-15.15	Invited Speaker: Noga Kronfeld-Schor Title: Adaptive forces and temporal niche switches in golden spiny mice	Invited Speaker: Urs Albrecht Title: TBA
15.15-15.45	Invited Speaker: Horacio de la Iglesia Title: Temporal Niche: When animals see the light	Invited Speaker: Liz Maywood Title: TBA
	<b>Short Communications</b>	<b>Short Communications</b>
15.45-16.00	Speaker: Title:	Speaker: Title:
16.00-16.15	Speaker: Title:	Speaker: Title:
16.15-16.30	Speaker: Title:	Speaker: Title:
16.30-17.00	North Writing School	<b>COFFEE BREAK</b>
17.00-18.00	South Writing School	<b>PLENARY LECTURE 1</b> Chair: Andrew Loudon <b>Speaker: Michael Menaker</b>

		Title: What do we know about the function of peripheral circadian oscillators?
<b>18.00-19.00</b>	North Writing School	<b>POSTER SESSION (Wine)</b>
<b>19.30-20.30</b>	Brasenose College TBC	<b>MEETING OF THE EBRIS COUNCIL</b>

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## Monday 22 August

09.30-10.30	South Writing School	<b>PLENARY LECTURE 2</b> Chair: Pat Nolan <b>Speaker: Achim Kramer</b> Title: A systems view on the mammalian circadian clock	
10.30-11.00	North Writing School	<b>COFFEE BREAK</b> (Trade Exhibition and Posters)	
11.00-13.00	South Writing School <b>Symposium 5</b> Clocks and molecular switches	East Writing School <b>Symposium 6</b> Light and temperature entrainment of the circadian clock in flies	
11.00-11.30	<b>Chair: David Hazlerigg</b> <b>Title: TBA</b>	<b>Chair: Rudi Costa</b> <b>Title: TBA</b>	
11.30-12.00	Invited Speaker: Mike Sellix Title: TBA	Invited Speaker: Francois Rouyer Title: TBA	
12.00-12.30	Invited Speaker: Takeshi Izawa Title: TBA	Invited Speaker: Ralf Stanewsky Title: TBA	
	<b>Short Communications</b>	<b>Short Communications</b>	
12.30-12.45	Speaker: Title:	Speaker: Title:	
12.45-13.00	Speaker: Title:	Speaker: Title:	
13.00-13.15	Speaker: Title:	Speaker: Title:	
13.15-14.150	<b>LUNCH</b>		
14.15-16.30	South Writing School <b>Symposium 7</b> Circadian and seasonal rhythms in plants	East Writing School <b>Symposium 8</b> Circadian clocks, clock genes and diseases	
14.15-14.45	<b>Chair: Andrew Millar</b> <b>Title: TBA</b>	<b>Chair: Henrik Oster</b> <b>Title: TBA</b>	
14.45-15.15	Invited Speaker: Paloma Mas Title: TBA	Invited Speaker: Francis Levi Title: Circadian Clocks and Cancer	
15.15-15.45	Invited Speaker: Pieter Rien ten Wolde Title: TBA	Invited Speaker: Marsha Morgan Title: TBA	
	<b>Short Communications</b>	<b>Short Communications</b>	
15.45-16.00	Speaker: Title:	Speaker: Title:	
16.00-16.15	Speaker: Title:	Speaker: Title:	
16.15-16.30	Speaker: Title:	Speaker: Title:	
16.30-17.00	North Writing School	<b>COFFEE BREAK</b> (Trade Exhibition and Posters)	
17.00-18.00	South Writing School	<b>The Axelrod Lecture</b> Chair: Bill Schwartz <b>Speaker: Marty Zatz</b> Title: A Brief Overview of Julie's Shmoo: Input, Throughput, and Output in the Pineal Gland	

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**Tuesday 23 August**

**Special Symposium (9) Cells to Circuits: Circuits to Behaviour**

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<b>09.30-10.30</b>	South Writing School	<b>PLENARY LECTURE 3</b> Chair: Sarah Caddick <b>Speaker: Gero Meisenboeck</b> Title: Optogenetics, circuits and fly behaviour
<b>10.30-11.00</b>	North Writing School	<b>COFFEE BREAK</b> (Trade Exhibition and Posters)
<b>11.00-13.00</b>	South Writing School	<b>Vertebrate Systems</b> <b>Chair: Gero Miesenboeck</b>
<b>11.00-11.40</b>		Invited Speaker: Mick Hastings Title: SCN circuitry and signalling
<b>11.40-12.20</b>		Invited Speaker: Matt Jones Title: Roles of oscillatory activity on coordinating interactions between functionally connected brain regions (sleep and replay)
<b>12.20-13.00</b>		Invited Speaker: Matteo Carandini Title: Early visual system
<b>13.00-14.30</b>	<b>North Writing School</b>	<b>LUNCH including 1.45-2.15 General Assembly of the EBRS</b>
<b>14.30-16.30</b>	South Writing School	<b>Invertebrate Systems</b> <b>Chair: Charlotte Helfrich-Förster</b>
<b>14.30-15.10</b>		Invited Speaker: Barry Dickson Title: Fly genes, neuronal wiring, circuits and behaviour
<b>15.10-15.50</b>		Invited Speaker: Mario de Bono Title: Worms, genes, circuits and behaviour
<b>15.50-16.30</b>		Invited Speaker: Eve Marder Title: Crustacean circuits and behaviour: neuromodulators and reconfiguration of circuits driving behaviourally relevant outputs
<b>16.30-17.00</b>	North Writing School	<b>COFFEE BREAK</b> (Trade Exhibition and Posters)
<b>17.00-18.00</b>	South Writing School	<b>PLENARY LECTURE 4</b> Chair: Mick Hastings Speaker: John O'Keefe Title: TBA
<b>18.00-19.00</b>	South Writing School	<b>POSTER SESSION (Wine)</b>

## Wednesday 24 August

09.30-10.30	South Writing School	<b>PLENARY LECTURE 5</b> Chair: Till Roenneberg <b>Speaker: Joke Meijer</b> Title: Does the SCN control behavioral activity levels?	
10.30-11.00	North Writing School	<b>COFFEE BREAK</b> (Trade Exhibition and Posters)	
11.00-13.00	South Writing School <b>Symposium 10</b> <b>EBRS-ESRS Symposium - Sleep-Clock Mechanisms</b> Chair: Debra Skene	11.00-13.15	East Writing School <b>Symposium 11</b> <b>SCN</b>
11.00-11.30	Invited Speaker: Tom de Boer Title: Circadian modulation of sleep in a rodent	11.00-11.30	Chair: Hugh Piggins Title: TBA
11.30-12.00	Invited Speaker: Derk-Jan Dijk Title: Sleep and circadian rhythms in humans: a two-way interaction	11.30-12.00	Invited Speaker: Karl O'Brieton Title: TBA
12.00-12.30	Invited Speaker: Tarja Porkka-Heiskanen Title: Mechanisms of sleep homeostasis	12.00-12.30	Invited Speaker: Alun Hughes Title: Feedback actions of exercise on the SNC and circadian system
12.30-13.00	Invited Speaker: Lino Nobili Title: Sleep and memory consolidation	<b>Short Communications</b>	
		12.30-12.45	Speaker: Title:
		12.45-13.00	Speaker: Title:
		13.00-13.15	Speaker: Title:

### Afternoon off to explore Oxford

East Writing School <b>Satellite Symposium</b> <b>Modulation of retinal functions by circadian clocks</b>	
	<b>Session 1</b> Moderator: Gianluca Tosini
14:00-14:30	Speaker: Douglas McMahon Title: "Keeping the eye on time: Circadian organization of the retina"
14:30-14:45	Speaker: Marie-Paule Felder-Schmittbuhl Title: "Layer-specific dissection of retinal circadian oscillators."
14:45-15:15	Speaker: Rob Lucas Title: "Rhythmicity in the mouse electroretinogram."
15:15-15:45	Speaker: Michael Iuvone: Title: "Dopamine and synchronization of circadian rhythms in mouse retina."
15.45-16.00	Break
	<b>Session 2</b> Moderator: Michael Iuvone

16:00-16:30	Speaker: Rainer Spessert Title: "The search for genes under daily regulation in retina and photoreceptor of mammals"
16:30-16:45	Speaker: Sumathi Sekaran Title: "Rhythmic regulation of retinal connexins"
16:45-17:15	Speaker: Stuart Mangel Title: "The circadian clock in the retina controls rod pathway activity in the day and night."
17:15-17.45	Speaker: Gianluca Tosini Title: "Removal of melatonin signaling affects retinal physiology "

<b>19.30</b>	North Writing School	<p><b>CONFERENCE BANQUET</b></p> <p><b>BANQUET AFTER-DINNER SPEAKER</b> Introduction: Russell Foster <b>Speaker: Brian Follett</b> Title: TBA</p>
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## Thursday 25 August

09.30-10.30	South Writing School	<b>LE4: JCS</b> <b>Chair: Takashi Yoshimura</b> <b>Speaker: Sato Honma</b> Title: Suprachiasmatic nucleus: cellular clocks and networks	
10.30-11.00	North Writing School	<b>COFFEE BREAK</b>	
11.00-13.15	South Writing School	East Writing School	
	<b>Symposium 12</b> <b>Clocks/Sleep and Metabolism</b>	<b>Symposium 13</b> <b>Rhythms, Sleep and Memory</b>	
	<b>Chair: Andries Kalsbeek</b> <b>Title: TBA</b>	<b>Chair: Eus van Someren</b> <b>Title: TBA</b>	
11.30-12.00	Invited Speaker: Frank Scheer Title: Adverse metabolic effects of circadian misalignment	Invited Speaker: H. Craig Heller Title: TBA	
12.00-12.30	Invited Speaker: Bart Staels Title: Nuclear receptors integrate circadian rhythms and metabolism	Invited Speaker: Jason Gerstner Title: TBA	
	<b>Short Communications</b>	<b>Short Communications</b>	
12.30-12.45	Speaker: Title:	Speaker: Title:	
12.45-13.00	Speaker: Title:	Speaker: Title:	
13.00-13.15	Speaker: Title:	Speaker: Title:	
13.15-14.15	<b>LUNCH</b>		
14.15-16.30	South Writing School	East Writing School	
	<b>Symposium 14</b> <b>Sleep/Clocks mental health and neurodegenerative disease</b>	<b>Symposium 15</b> <b>Enigmatic Clocks: Circannual and Circatidal Rhythms</b>	
14.15-14.45	<b>Chair: Phil Cowen</b> <b>Title: Antidepressants and sleep</b>	<b>Chair: Barbara Helm</b> <b>Title: Clock multitasking in migratory birds</b>	
14.45-15.15	Invited Speaker: Katharina Wulff Title: Circadian rhythms in schizophrenia/bipolar disorder	Invited Speaker: Hideharu Numata Title: Circannual rhythms in carpet beetles	
15.15-15.45	Invited Speaker: Joe Herbert Title: Corticoid rhythms, hippocampal neurogenesis and depression	Invited Speaker: Kim Last Title: Tidal rhythms in <i>Nereis</i>	
	<b>Short Communications</b>	<b>Short Communications</b>	
15.45-16.00	Speaker: Title:	Speaker: Title:	
16.00-16.15	Speaker: Title:	Speaker: Title:	
16.15-16.30	Speaker: Title:	Speaker: Title:	
16.30-17.00	North Writing School	<b>COFFEE BREAK</b>	
17.00-18.00	South Writing School	<b>PLENARY LECTURE 6</b> Chair: Russell Foster	

		<b>Speaker: Ueli Schibler</b> Title: Signalling within the mammalian timing system: The phase entrainment of peripheral clocks
<b>18.00-19.30</b>	South Writing School	<b>Susan Morris Art Presentation Sun Dial: Night Watch</b>

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## Friday 26 August

09.30-10.30	South Writing School	<b>PLENARY LECTURE 7</b> Chair: Martha Merrow <b>Speaker: William Schwartz</b> Title: Sociochronobiology	
10.30-11.00	North Writing School	<b>COFFEE BREAK</b>	
11.00-13.15	South Writing School <b>Symposium 16</b> <b>Development and Aging of Circadian Systems</b>	East Writing School <b>Symposium 17</b> <b>Living Against the Clock</b>	
11.00-11.30	<b>Chair: Alena Sumova</b> <b>Title: TBA</b>	<b>Chair: Till Roenneberg</b> <b>Title: What can we learn from alarm clocks</b>	
11.30-12.00	Invited Speaker: Fred Turek Title: Aging	Invited Speaker: Torbjorn Akerstedt Title: Night driving, sleepiness and risk	
12.00-12.30	Invited Speaker: Charlotte von Gall Title: Maturation of circadian oscillators during mouse ontogeny	Invited Speaker: David Dinges Title: Managing neurobehavioural capability when social expediency trumps biological imperatives	
	<b>Short Communications</b>	<b>Short Communications</b>	
12.30-12.45	Speaker: Title:	Speaker: Title:	
12.45-13.00	Speaker: Title:	Speaker: Title:	
13.00-13.15	Speaker: Title:	Speaker: Title:	
13.15-14.15	<b>LUNCH</b>		
14.15-16.30	South Writing School <b>Symposium 18</b> <b>Photic Entrainment in Non-Mammals</b>	East Writing School <b>Symposium 19</b> <b>Clocks in Unicells</b>	
14.15-14.45	<b>Chair: David Whitmore</b> <b>Title: TBA</b>	<b>Chair: Martha Merrow</b> <b>Title: TBA</b>	
14.45-15.15	Invited Speaker: Nicholas Foulkes Title: TBA	Invited Speaker: Takao Kondo Title: TBA	
15.15-15.45	Invited Speaker: Yoshitaka Fukada Title: TBA	Invited Speaker: Florence Corellou Title: Ostreococcus Clock	
	<b>Short Communications</b>	<b>Short Communications</b>	
15.45-16.00	Speaker: Title:	Speaker: Title:	
16.00-16.15	Speaker: Title:	Speaker: Title:	
16.15-16.30	Speaker: Title:	Speaker: Title:	
16.30-17.00	<b>Awards and Summing – Up</b> <b>Speaker: Russell Foster</b>		
	<b>END OF CONGRESS</b>		