

PE&RC-Day 2012

Extreme life

*Exploring life in the extremes and
the extremes in life*

Thursday 1st November 2012
Hotel de Nieuwe Wereld, Wageningen



SCOPE

Life can be found in the most punishing environments, from frozen polar ice caps to boiling acidic springs and bone-dry deserts. In order to survive on earth, life has evolved to create a staggering variety of extremes of form and function, from the tiny mayfly that lives only hours to gigantic 5000 year old bristlecone pines.

Scientists have long been involved in research aimed at understanding how and why these extreme forms of life exist – and today, this research may have an additional role. The study of extreme life may give us an idea of how other species will respond to the extremes that we are imposing on them in today's increasingly urban world.

This year's PE&RC day focuses on the study of extremes and how we can apply the knowledge gained from this study to tackle the challenges we face regarding sustainable life on earth. Field-renowned speakers, directly or indirectly involved with extreme life-science will share their hands-on experiences and work and will give insight into how their science contributes to our daily life and the quest for a sustainable future.

We finalize the PE&RC Day with a central panel discussion, presenting the speakers with a fictitious bag of money and asking them to whom it should be awarded, followed by drinks and a dinner.

FEE

PE&RC members	No Charge
All others	€ 50,-
Extra costs for Dinner (incl. 2 drinks)	€ 20,-

ORGANISATION

The PE&RC PhD Council (PPC) (Wouter Bac, Sarah van Broekhoven, Peter van Beveren, Graham Taylor, Christina May, William van Dijk, Paula Hurtado Lopez, Craig Taylor, Maria Pereira, Lennart Suselbeek, Anne Daebeler, Muhammad Rashid, Johannes Reiche, Stefan Metz, Roland Klefoth) and Claudius van de Vijver.

REGISTRATION

To register, please fill in the registration form on the PE&RC website; go therefore to: www.pe-rc.nl and follow: ***Courses and Activities / PE-RC Day 2012***

PROGRAMME

8:30	Registration and Coffee
9:00	Introduction by Chair of the Day (Marc Naguib, Wageningen University, NL)
9:15	Life in the Freezer (Arctic/Antarctic) (William Detrich, Northeastern University, USA)
10:00	Life under Pressure (Deep sea) (Marc Lavaleye, NIOZ, NL)
10:45	Coffee
11:15	Acidic Life (Yellow Stone bacteria) (John van der Oost, Wageningen University, NL)
12:00	Life in the Oven (Desert) (Hennie Butler, University of the Free State, SA)
12:45	Lunch
13:45	Living in space (Jorge L. Vago, ESA / ESTEC, Noordwijk, NL)
14:30	Long life (aging) (Bas Zwaan, Wageningen University, NL)
15:15	Coffee
15:45	Central Pitch
16:30	Synthesis and Closure
16:45	PE&RC Publication Award
17:00	Drinks
18.00	Dinner

FURTHER INFORMATION

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