VisBio

Visualization & Biology: Challenges and Perspectives

September 19, 2013
VilVite Bergen Science Center
Auditorium / Free Admission

Program Highlights

The rapid growth in volume, complexity, and diversity of biological data represents an increasing challenge for researchers in many areas. The aim of this workshop is to bring together experts from biology, bioinformatics, and visualization to develop a joint understanding of the key technologies, obstacles, and opportunities involved in in generating insight from these large and highly complex data sets.

08:45 Opening

09:00 Ines Heiland
University in Tromsø

Metabolic modelling: From networks to dynamics and back

10:45 Jan Aerts
University of Leuven

Visual analytics in omics: Why, what and how?

13:15 Jan G. Bjaalie
University of Olso

Digital brain atlasing: 3-D "Google maps" of the brain

15:15 Ewan Birney
Horizon Lecture European Bioinformatics Institute

Understanding basic biology using outbred genetics

16:45 Panel Discussion

Additional Speakers

Pina Kingman
University of Bergen

Ivan Kolesar
University of Bergen

Mathieu Le Muzic
Vienna University of Technology

Július Parulek
University of Bergen

Ivan Viola
Vienna University of Technology

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