- Scientific Program -

**Sunday, November 17**

15:00 Arrival, Coffee & Cake
16:00 Welcoming Remarks

16:15 - 17:15 **Alexandra Worden**
MBARI, USA & GEOMAR Kiel, Germany
*A Sea of Giant Viruses*

17:30 - 20:00 Poster Session
Sandwiches & Beverages

**Monday, November 18**

08:00 - 09:00 Breakfast

**Diversity of Giant Viruses**
*Chair: Thomas Hackl*

09:00 - 09:30 **Ruth-Anne Sandaa**
University of Bergen, Norway
*Diversity of Giant Viruses Infecting Haptophytes*

09:30 - 10:00 **Grieg Steward**
University of Hawai‘i Mānoa, USA
*Viruses in the Sea: Why Be Big?*

10:00 - 10:15 **Keizo Nagasaki**
Kochi University, Japan
*How a ‘Small Society’ For ‘Giant Viruses’ Started a Quarter of a Century Ago*

10:15 - 10:35 Coffee Break

**Structure of Giant Virus Particles**
*In Memoriam Michael Rossmann*
*Chair: Dennis Bamford with short intro*

10:45 - 11:00 **Chuan Xiao**
University of Texas at El Paso, USA
*In Memoriam Michael Rossmann*

11:00 - 11:30 **Thomas Klose**
Purdue University, USA
*High-resolution Structures of Large dsDNA Viruses and What We Can Learn from Them*

**Monday, November 18 - continued**

11:30-12:00 **Steven Wilhelm**
University of Tennessee, USA
*The Proteome and Structure of the AaV Particle: a Virus With a Sweet Tooth*

12:00 - 12:30 **Jim Van Etten**
University of Nebraska, USA
*Chloroviruses Encode Many Glycosyltransferases*

12:30 Lunch

**Genetics and Cell Biology**
*Chair: Corina Brussaard*

14:00 - 14:30 **Jean-Michel Claverie**
IGS Aix-Marseille University, France
*A Spectacular Anomaly in the 4-mer Composition of the Giant Pandoravirus Genomes*

14:30 - 14:45 **Matthieu Legendre**
IGS Aix-Marseille University, France
*The DNA Methylation Landscape of Giant Viruses*

14:45 - 15:00 **Motohiro Akashi**
Tokyo University of Science, Japan
*DNA Replication, Repair, and Evolution of Giant Viruses*

15:00 - 15:15 **Rodrigo Rodrigues**
Federal University of Ouro Preto, Brazil
*Trapping the Enemy: Vermamoeba Vermiformis Circumvents Faustovirus Mariensis Dissemination by Enclosing Viral Progeny Inside Cysts*

15:15 - 15:45 Coffee Break

**Host-Virus(-Viropage) Interactions**
*Chair: Eva Lievens*

15:45 - 16:00 **Steven Short**
University of Toronto Mississauga, Canada
*The CpV System: Two Viruses, Three Virophages, and One Host?*
Monday, November 18 - continued

16:00 - 16:30 **Chantal Abergel**
IGS Aix-Marseille University, France
*Exploration of the Propagation of Transpovirons Within Mimiviridae Reveals a Unique Example of Commensalism in the Viral World*

16:30 - 17:00 **Matthias Fischer**
Max Planck Institute for Medical Research, Germany
*Endogenous Virophages Populate the Genomes of Cafeteria Roenbergensis*

17:00 - 17:30 **Assaf Vardi**
Weizmann Institute of Science, Israel
*Individuality in Host-Virus Interactions in the Ocean*

17:30 Guided Tour of Ringberg Castle

18:30 Dinner

20:00 Podcast Recording
"This Week in Virology"
With Vincent Racaniello, Rich Condit, Nels Elde & Guests

Tuesday, November 19 - continued

11:00 - 11:30 **Eugene Koonin**
National Institutes of Health, USA
*Giants and Dwarfs in All Branches of the NCLDV*

11:30 - 12:00 **Mart Krupovic**
Institut Pasteur, France
*Chimeric Scenario for the Origin of Viruses*

12:00 - 12:15 **Curtis Suttle**
University of British Columbia, Vancouver, Canada
*Viruses – Unlocking Secrets of the Most Abundant ‘Life’ on Earth*

12:30 Lunch

Free Afternoon (Hiking, Discussions, Sports, etc.)

16:00 - 16:30 Coffee Break

**Metagenomics, Isolation & Ecology**
*In Memoriam Disa Bäckström*
Chair: Jeffrey Blanchard

16:30 - 17:00 **Frederik Schulz**
Joint Genome Institute, USA
*Global Diversity of the Megavirales as Determined by Metagenomic Analysis*

17:00 - 17:15 **Bernard La Scola**
IHU Aix-Marseille University, France
*Running After Metagenomics: New Strategies and New Tools to Discover and Study New Giant Viruses*

17:15 - 17:30 **Hiro Ogata**
Kyoto University, Japan
*Global Genetic Data Reveal Lineages of Giant Viruses and Other Eukaryotic Viruses Associated With Carbon Export Efficiency*

17:30 - 18:00 **Philippe Colson**
IHU Aix-Marseille University, France
*Giant Viruses in Humans*

18:00 - 18:30 **Lutz Becks**
University of Constance, Germany
*The Molecular Evolution of Eco-Evolutionary Dynamics in a Coevolving Host-Virus System*

18:30 Conference Dinner

20:00 Open Mic (Music Room)
- Japanese Songs
- Virus Opera
- Paint Your Virus
Wednesday, November 20

08:00-09:00 Breakfast

**Biochemistry**
*Chair: Sarah Duponchel*

09:00 - 09:30 **Gerhard Thiel**  
Technical University Darmstadt, Germany  
*Viral Membrane Transport Proteins: They are Everywhere*

09:30 - 10:00 **Jochen Reinstein**  
Max Planck Institute for Medical Research, Germany  
*Illuminating Virus-Like Particles - Probes and Tools for Visualizing Mavirus Assembly and Infection*

10:00 - 10:15 **Yuejiao Xian**  
University of Texas at El Paso, USA  
*The Roles of Electrostatic Interactions in Capsid Assembly Mechanisms of Giant Icosahedral Viruses*

10:15 - 10:30 **Guy Schleyer**  
Weizmann Institute of Science, Israel  
*Mass Spectrometry Imaging of a Viral Plaque Reveals a Metabolic Shift in Emiliana Huxleyi*

10:30 - 11:00 Coffee Break

11:00 - 12:00 Final Discussion

12:00 Departure