### Scientific Program

**Sunday, November 19**

15:00 Arrivals, Coffee & Cake  
17:00 Welcoming Remarks

17:15-18:15  **Greg Chinchar**  
University of Mississippi, USA  
*Iridoviruses and Their Place in the Virosphere*

18:30 Sandwiches

**Monday, November 20**

**New Isolates**  
Chair: Ruth-Anne Sandaa

09:00 **Masaharu Takemura**  
Tokyo University of Science, Japan  
*Giant Viruses Isolated from Japanese Aquatic Environments*

09:30 **Claudia Wylezich**  
Friedrich Loeffler Institute, Germany  
*A New Giant Virus Isolated from Its Natural Host Saccamoeba sp. Shows a Narrow Host Range*

10:00 **Chris Deeg**  
University of British Columbia, Canada  
*The Kinetoplastid-Infecting Bodo saltans virus (BsV), a Window into the Most Abundant Giant Viruses in the Sea*

10:30 Coffee Break

**Infection Biology**  
Chair: Avi Minsky

11:00 **Jônatas Abrahão**  
Federal University of Minas Gerais, Brazil  
*Giant Virus Replication in Amoebas: Expanding the Repertoire of the Virosphere*

11:30 **Liran Ben-Yaakov**  
Weizmann Institute of Science, Israel  
*Quantitative, Large-Population Analysis of Mimivirus Infection Cycle Kinetics*

12:00 **Yael Fridmann-Sirkis**  
Weizmann Institute of Science, Israel  
*Fibril Deficiency Following Mutations in Three Mimivirus Genes*

12:30 Lunch

**Virus-Host Interactions**  
Chair: Daouda Traore

14:30 **Sandra Jeudy**  
IGS Aix-Marseille University, France  
*Virion Proteomic Studies Reveal Clues about Marseillevirus Physiology*

15:00 **Assaf Vardi**  
Weizmann Institute of Science, Israel  
*Mapping the Virus-Induced Metabolic Seascape during Algal Blooms in the Ocean*

15:30 **Sheree Yau**  
Observatoire océanologique de Banyuls-sur-Mer, France  
*Genomics of Viral Infection and Virus-Host Coexistence in Ostreococcus*

16:00 Coffee Break

**Tools and Updates**  
Chair: David Dunigan

16:30 **Gilbert Greub**  
University Hospital Lausanne, Switzerland  
*Lausannevirus – What’s New?*

17:00 **Jacques Bou-Khalil**  
IHU Aix-Marseille University, France  
*Fishing Giant Viruses: Strategies, Tips, and Tools*

17:30 Tour of Ringberg Castle  
18:30 Dinner

20:00-21:30 Poster Session

**Symposium Sponsors:**

[DFG Logo]
### Tuesday, November 21

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Affiliation</th>
<th>Title</th>
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<tbody>
<tr>
<td>08:00</td>
<td>Breakfast</td>
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<tr>
<td>09:00</td>
<td>Steven Wilhelm</td>
<td>University of Tennessee, USA</td>
<td><em>Ecological Interactions of Giant Viruses Revealed by Metatranscriptomics</em></td>
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<td>09:30</td>
<td>Hiro Ogata</td>
<td>Kyoto University, Japan</td>
<td><em>Diversity and Biogeography of Marine Viruses and Their Association with the Biological Carbon Pump</em></td>
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<td>Eugene Koonin</td>
<td>National Institutes of Health, USA</td>
<td><em>New Insights into the Evolution of Giant Viruses and Their Mobilome from Metagenomic Analysis</em></td>
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<td>Lutz Becks</td>
<td>Max Planck Institute for Evolutionary Biology, Germany</td>
<td><em>Rapid Coevolution of Chlorella and PBCV1 – from Genes to Populations</em></td>
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<td>11:30</td>
<td>Jean-Michel Claverie</td>
<td>IGS Aix-Marseille University, France</td>
<td><em>The Emerging Family Pandoraviridae</em></td>
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<tr>
<td>12:00</td>
<td>Philippe Colson</td>
<td>IHU Aix-Marseille University, France</td>
<td><em>Definition and Classification of Giant Viruses of Amoebae</em></td>
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<td>12:30</td>
<td>Lunch</td>
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### Ecology (Chair: Assaf Vardi)

- **09:00** Steven Wilhelm  
  University of Tennessee, USA  
  *Ecological Interactions of Giant Viruses Revealed by Metatranscriptomics*

- **09:30** Hiro Ogata  
  Kyoto University, Japan  
  *Diversity and Biogeography of Marine Viruses and Their Association with the Biological Carbon Pump*

### Diversity & Evolution (Chair: Jim Van Etten)

- **10:00** Eugene Koonin  
  National Institutes of Health, USA  
  *New Insights into the Evolution of Giant Viruses and Their Mobilome from Metagenomic Analysis*

- **10:30** Coffee Break

- **11:00** Lutz Becks  
  Max Planck Institute for Evolutionary Biology, Germany  
  *Rapid Coevolution of Chlorella and PBCV1 – from Genes to Populations*

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  *The Emerging Family Pandoraviridae*

- **12:00** Philippe Colson  
  IHU Aix-Marseille University, France  
  *Definition and Classification of Giant Viruses of Amoebae*

### Structure & Assembly (Chair: Simon Roux)

- **16:30** Michael Rossmann  
  Purdue University, USA  
  *Evolution of the Capsid Structures in Large dsDNA Viruses*

- **17:00** Chuan Xiao  
  University of Texas at El Paso, USA  
  *Jelly-Roll Spiraling All the Way*

### Structure & Assembly (Continued)

- **17:30** Thomas Klose  
  Purdue University, USA  
  *The Structure of Pacmanvirus*

- **18:00** Jochen Reinstein  
  Max Planck Institute for Medical Research, Germany  
  *Folding, Processing and Assembly of Mavirus Capsid Proteins*

- **18:30** Conference Dinner

### Phycodnaviruses for Dessert (Chair: Steven Short)

- **20:00** Jim Van Etten  
  University of Nebraska, USA  
  *Chloroviruses: On a Sugar High*

- **20:30** David Dunigan  
  University of Nebraska, USA  
  *The Rise and Fall in Chlorovirus Biology*

- **21:00** Gerhard Thiel  
  Technical University Darmstadt, Germany  
  *Codon Usage Affects Function of Viral K+ Channels*

### Wednesday, November 22

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<td>09:00</td>
<td>Matthias Fischer</td>
<td>Max Planck Institute for Medical Research, Germany</td>
<td><em>Virophages As a Defense System in Cafeteria roenbergensis</em></td>
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<tr>
<td>09:30</td>
<td>Simon Roux</td>
<td>Joint Genome Institute, USA</td>
<td><em>Exploring Viral Dark Matter through Time-Series Metagenomes: The Case of Virophages</em></td>
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<tr>
<td>10:00</td>
<td>Steven Short</td>
<td>University of Toronto Mississauga, Canada</td>
<td><em>Genome and Activity of Chrysochromulina parva Virus and Its Constituent Virophage</em></td>
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<td>11:00</td>
<td>Final Discussion</td>
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<tr>
<td>12:00</td>
<td>Departure</td>
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