

## **Session Program**

**13-24 Feb 2023**

# **ITN Winterschool & Joint TiPES/CriticalEarth Conference on Critical Transitions**

## ***Joint TiPES/CriticalEarth Conference***

Location: Institute for Advanced Study (IAS), Munich

Location: Institute for Advanced Study (IAS) Technical University of Munich, Garching, Germany

## Wednesday 22 February

09:00

### Joint TIPES/CriticalEarth Conference: TiPES Work Package Updates

**Session** |

**Location:** Location: Institute for Advanced Study (IAS), Munich, Location: Institute for Advanced Study (IAS) Technical University of Munich, Garching. Germany

10:00

10:00

### Joint TIPES/CriticalEarth Conference: Invited Talks 1 & 2 (Jonathan Donges and Paul Ritchie)

**Session** |

**Location:** Location: Institute for Advanced Study (IAS), Munich, Location: Institute for Advanced Study (IAS) Technical University of Munich, Garching. Germany

11:00

16:00

### Joint TIPES/CriticalEarth Conference: Keynote: James Yorke: "Exploring Numerical Phenomena in Weather Models via Tiny Models"

**Session** |

**Location:** Location: Institute for Advanced Study (IAS), Munich, Location: Institute for Advanced Study (IAS) Technical University of Munich, Garching. Germany

17:00

## Thursday 23 February

09:00

### Joint TIPES/CriticalEarth Conference: Criticalearth Work Package updates

**Session** |

**Location:** Location: Institute for Advanced Study (IAS), Munich, Location: Institute for Advanced Study (IAS) Technical University of Munich, Garching. Germany

10:00

10:00

### Joint TIPES/CriticalEarth Conference: Invited Talks 3 & 4 Freddy Bouchet & Guido Vettoretti

**Session** |

**Location:** Location: Institute for Advanced Study (IAS), Munich, Location: Institute for Advanced Study (IAS) Technical University of Munich, Garching. Germany

11:00

16:00

### Joint TIPES/CriticalEarth Conference: Keynote: Ramond Pierrehumbert

**Session** |

**Location:** Location: Institute for Advanced Study (IAS), Munich, Location: Institute for Advanced Study (IAS) Technical University of Munich, Garching. Germany

17:00

## Friday 24 February

09:00

### **Joint TIPES/CriticalEarth Conference: Invited Talk 5: Max Rietkerk (Utrecht) "Pathways of resilience in complex systems"**

**Session** |**Location:** Location: Institute for Advanced Study (IAS), Munich, Location: Institute for Advanced Study (IAS) Technical University of Munich, Garching. Germany

09:30

09:30

### **Joint TIPES/CriticalEarth Conference: Invited Talk 6: Takahito Mitsui (TUM) "Synchronization theory for Quaternary glacial-interglacial cycles"**

**Session** |**Location:** Location: Institute for Advanced Study (IAS), Munich, Location: Institute for Advanced Study (IAS) Technical University of Munich, Garching. Germany

10:00

12:00

### **Joint TIPES/CriticalEarth Conference: Conference Wrap-up and general discussion**

**Session** |**Location:** Location: Institute for Advanced Study (IAS), Munich, Location: Institute for Advanced Study (IAS) Technical University of Munich, Garching. Germany

13:00