

# Critical Transitions in the History of Life (Denver Meeting) Program & Schedule

## Wednesday, October 10th

14:00-18:00 Arrivals take Super Shuttle from Denver International Airport to Ramada Inn Downtown Denver (<http://ramadadenverdowntown.com/hotelhome/>)

17:45-18:00 Hotel shuttle service from Ramada Inn Downtown Denver to Denver Museum of Nature & Science (DMNS)

18:00-21:00 Mixer at DMNS

20:30-21:30 Hotel shuttle service from DMNS to Ramada Inn Downtown Denver

## Thursday, October 11<sup>th</sup>

8:00 Hotel shuttle service from Ramada Inn Downtown Denver to DMNS

Outside DMNS VIP Room

8:15-9:15 Continental breakfast

In DMNS VIP Room

9:15-9:20 Welcome and Opening Remarks (DMNS representatives)

9:20-9:30 Morning moderators (Kirk Johnson & Xiangdong Wang ): introductions, acknowledgments, logistics

9:30-9:40 Remarks about NSF and NSF-C grant landscape (Rich Lane, NSF & Feng Chen, NSF-C)

We will start the meeting with six overview presentations on each of the three critical transitions and have selected one scientist each from the USA and China to make these presentations. These presenters should poll their colleagues and make an attempt to represent the big picture and address the large questions. The complete group will be present for all of these presentations and will have 20 minutes for group discussion after each pair of presentations.

Critical Transition I: Ordovician Radiation

9:40-9:55 15 minute overview presentation of the major questions and research directions by Arnie Miller

9:55-10:10 15 minute overview presentation of the major questions and research directions by (Chinese scientist to be named)

10:10-10:30 Group discussion about the Ordovician Radiation

10:30-10:45 Coffee Break

Critical Transition II: K-T Boundary

10:45-11:00 15 minute overview presentation of the major questions and research directions by Brian Huber

11:00-11:15 15 minute overview presentation of the major questions and research directions by (Chinese scientist to be named)

11:15-11:40 Group discussion about the K-T boundary

In DMNS VIP Room

## **Critical Transitions in the History of Life (Denver Meeting) Program & Schedule**

11:40-13:00 Lunch

Critical Transition III: Himalayan Uplift

13:00-13:15 15 minute overview presentation of the major questions and research directions by Xiaoming Wang

13:15-13:30 15 minute overview presentation of the major questions and research directions by (Chinese scientist to be named)

13:30-13:50 Group discussion about the Himalayan Uplift

After the introductory session, each of the three Critical Transition groups will break out into separate sections to discuss the topics in greater detail. There will be projectors and laptops in each room and discussants are encouraged to present focused 5-10 minutes talks to their group.

13:50-15:50 Critical Transition Breakout Groups

Critical Transition I: Ordovician Radiation (Classroom 302)

Discussants: Linda Kah (co-moderator), Renbin Zhan (co-moderator), Arnie Miller, Steve Holland, Philip Novack-Gottshall, Shanan Peters, Doug Erwin, Yuandong Zhang, Junxuan Fan

Critical Transition II: K-T boundary (Classroom 311)

Discussants: Sam Bowring (co-moderator), Sun Ge (co-moderator), Kirk Johnson, Will Clyde, Brian Huber, Glenn Izett, Doug Nichols, Dean Pearson, Gang Li, Hua Zhang, Xiumian Hu, Greg Wilson

Critical Transition III: Himalayan uplift (Classroom 303)

Discussants: Tao Deng (co-moderator), Caroline Strömberg (co-moderator), Zhe-Xi Luo, Xiaoming Wang, Peter Molnar, Adam Maloof, Yang Wang, Qiang Li, Joel Saylor, Xiangdong Wang

15:50-16:05 Coffee Break

16:15-18:00 IMAX show, DMNS gift shop, tour museum, or return to Ramada Inn

In DMNS West Atrium

18:00-21:00 Dinner

20:30-21:30 Hotel shuttle service from DMNS to Ramada Inn Downtown Denver

### **Friday, October 12<sup>th</sup>**

7:30-8:30 Continental breakfast at Ramada Inn Downtown Denver

8:30 Depart by bus from Ramada Inn Downtown Denver for Plains Conservation Center (bring camera, extra shirt and/or pants for dinner)

9:30-12:30 K-T boundary excursion. Viewing of West Bijou site where the K-T boundary is exposed in a section that contains multiple volcanic ash beds.

12:30-13:30 Box lunches in the field

## **Critical Transitions in the History of Life (Denver Meeting) Program & Schedule**

- 13:30 Depart for Dinosaur Ridge & Red Rocks
- 14:30-16:30 Visit the South Table Mountain K-T boundary site, Dinosaur Ridge & Red Rocks amphitheater.
- 16:30 Depart for The Fort Restaurant in Morrison
- 16:45-17:45 Group discussion & beverages
- 17:45-20:00 Dinner at The Fort
- 20:00 Depart for Ramada Inn Downtown Denver

### **Saturday, October 13<sup>th</sup>**

- 8:00 Hotel shuttle service from Ramada Inn Downtown Denver to DMNS

Outside DMNS VIP Room

- 8:15-9:15 Continental breakfast

In DMNS VIP Room

- 9:15-9:30 Moderator remarks
- 9:30-10:30 Group discussion of next steps

- 10:30-10:50 Coffee break

- 10:50-11:50 Final Discussions and Closing Remarks

In DMNS VIP Room

- 11:50-13:00 Lunch

- 13:00-19:00 Behind the Scenes DMNS museum tours, Prehistoric Journey; Titanic: The Artifact exhibit; IMAX-Ghosts of the Abyss, shopping downtown, Denver sight seeing

- 19:00-22:00 Dinner at the Wynkoop Brewing Company & drinks

### **Sunday, October 14<sup>th</sup>**

- TBD Continental breakfast available at the Ramada Inn Downtown Denver (coupons available)

- TBD Super Shuttle service from Ramada Inn Downtown Denver to Denver International Airport (must be scheduled by participant)