



SOTA 2003 Program

Fri, 15 Aug Early arrivals for pre-conference field trips (Radisson Hotel, near PDX)

Sat, 16 Aug Optional MSH Field Trips (**Clynne, Pallister**); departure from Radisson, 8 am
Evening reception at Timberline Lodge (TL), participants arrive

Sun, 17 Aug **Paradigms of Subduction Zones**

am #0. **Introduction** [Conveners]

am #1. **Thermal structure of SZs**

a. petrologic constraints **KN = Glenn Gaetani**
MOD = Simon Peacock/Bill Leeman

b. geophysical constraints **KN = Chris Kincaid**
MOD = Doug Wiens

pm #2. **Beneath the crust**

a. sources and processes **KN = John Eiler**
MOD = Julian Pearce

b. rates of mantle processes
KN = Simon Turner
MOD = Jim Gill

eve#3. **Posters**, Related to day 1 themes; ice-breaker format

Mon, 18 Aug **The Role of the Crust**

am #4. **Crustal processes**

a. chronologies & rates **KN = Georg Zellmer**
MOD = Jim Gill

b. mass contributions **KN = Mike Dungan/ Jon Davidson**
MOD = George Bergantz

c. physical constraints **KN = George Bergantz**
MOD = Mike Dungan/ Jon Davidson

pm #5. Constraints on conduits and reservoirs that influence mass & heat transfer

- a. Geochemical dynamics of arc magmas

KN = Kelly Russell

MOD = Wendy Bohrson

- b. Origin and ascent of silicic magmas

KN = Jon Blundy

MOD = Wendy Bohrson

eve#6. Mt Hood Field Trip overview (W. Scott, C. Gardner)

Open discussion of comparative volcanology, etc. [Streck]

Posters available (day 2 themes,)

Tues, 19 Aug Field trip and posters

day #7. Mt. Hood Field Trip (Scott, Gardner)

eve #8. **Posters** for days 2/4 themes; ice-breaker format

Wed, 20 Aug Volatiles, volcanology, discussions

am #9. Magmatic volatiles and volcanology

- a. Magmatic volatiles

KN = Bernard Marty

MOD = Derrill Kerrick

- b. Eruptions

KN = Paul Wallace

MOD = Mac Rutherford

pm #10. Discussion session

- a. Teams - to define problems & issues to be discussed further
b. Plenary - open discussion of above focus topics

MODs = R. Arculus, S. Turner

eve#11. Overview and future plans [Leeman, Davidson]

- a. Review of conference results, reports from designated 'scribes'
b. Special publication
c. Future directions for SOTA, passing the baton
d. Announcements concerning post-conference FT

Thur., 21 Aug Optional Oregon Cascades Field Trip (Conrey, Bacon, Grunder),
- Transect across an arc. Details TBA. (Non-participants return to
Portland)