

Venus Exploration Meeting

LPSC, March 16, 2005

Ellen Stofan

Venus Exploration Roadmap

“...to understand the history of the solar system”

- Community meeting at LPSC, Wed. March 16, 2005 (S. Saunders and S. Mackwell, organizers)
- 50-60 participants (at lunchtime!)
- Reviewed and revised draft exploration roadmap
- Roadmap branches based on potential results from upcoming Venus atmospheric missions (Venus Express, Planet C)
- Exact paths dependent on technology development
- Paths require survival in extreme environment technologies

Draft Venus Exploration Roadmap

**Pioneer-Venus
Magellan**

**Venus
Express
Planet C**

**Orbital Surveys
(Interferometric SAR,
Sounders, Radiometry)**

What is the
environment?

**Venus
In-Situ
Mission**

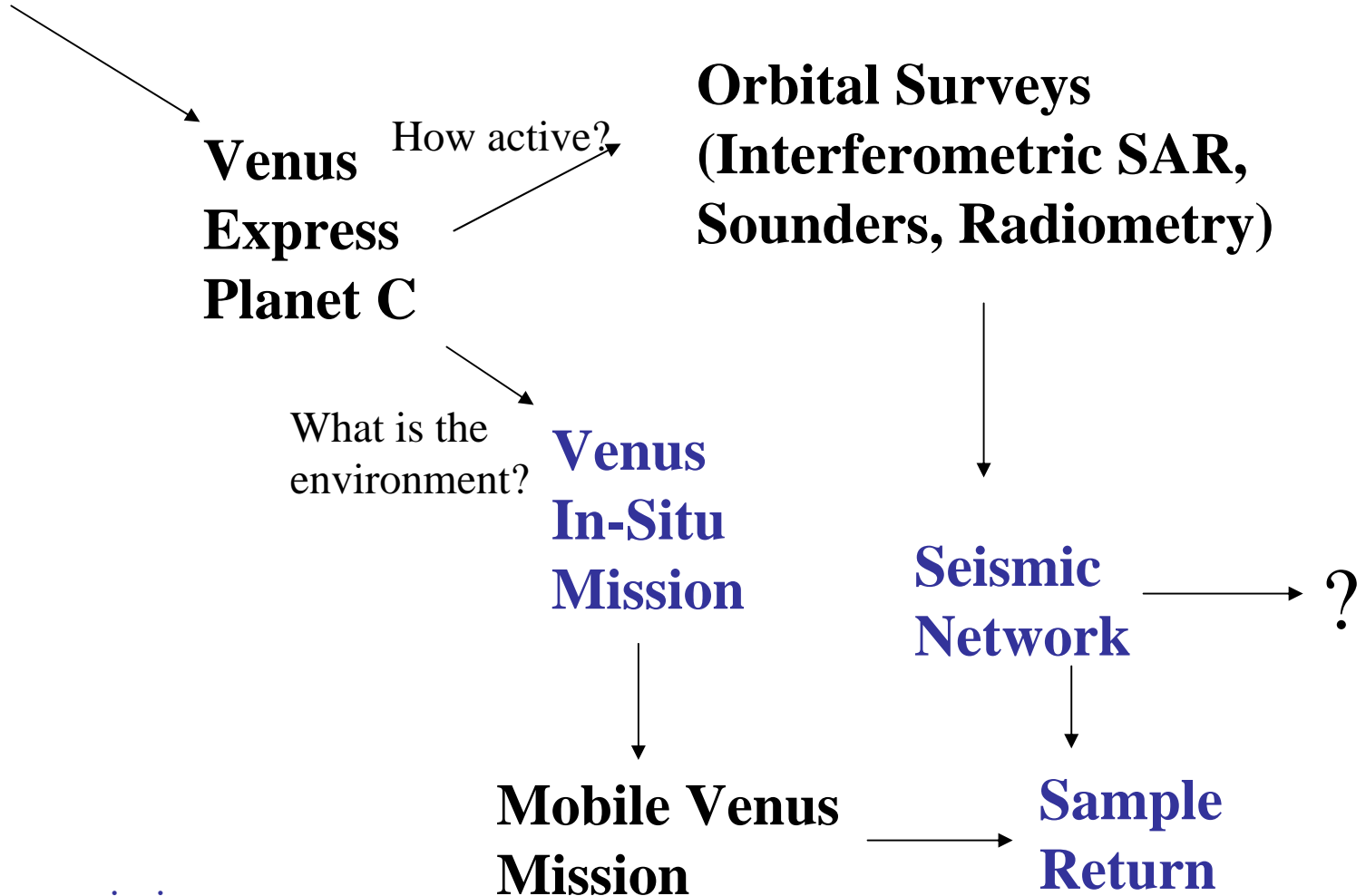
**Seismic
Network**

?

**Mobile Venus
Mission**

**Sample
Return**

Blue=Decadal Survey missions



Draft Venus Exploration Roadmap

**Pioneer-Venus
Magellan**

**Venus
Express
Planet C**

**Orbital Surveys
(Interferometric SAR,
Sounders, Radiometry)**

How active?

What is the
environment?

**Venus
In-Situ
Mission**

**Seismic
Network**

**Mobile Venus
Mission**

**Sample
Return**

Decade 1

Decade 2

Decade 3

?

Blue=Decadal Survey missions