EPEC Future Space Research

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Outline

• Places on the EPEC website devoted to
  • Presenting research ideas
  • Bringing together people with different skills (e.g. scientists and engineers)

• “Incubation week” for developing EPEC members’ research ideas

• A course on the mission selection process during EPEC week

• Future aspects
Website

- A form that EPEC members can use to propose any ideas related to planetary science.
  - These ideas, and the contact information of the proposers, become visible on the website
  - People interested in the ideas can contact the proposer
  - Formation of teams that can develop these ideas further

- A database of EPEC members wanting to contribute in the development of research ideas, including descriptions of their skills + search tools for finding possible collaborators

- Links to lists of previously proposed missions, instruments, landing sites etc.
  - Purpose: avoiding “re-invention of the wheel”
EPEC Incubation Week

• Idea: To “incubate” = develop further research ideas presented by EPEC members, including those proposed using the form on the website

• Throughout the week ideas are discussed and developed

• Speaker(s) who specializes in mission proposals (from ESA)
EPEC Annual Week

• A course on how space agencies select missions
Future aspects

• Possibly in the future, when EPEC is stronger
  • EPEC can be involved in submitting real mission proposals
  • EPEC members could be present at ESA mission selection meetings
  • EPEC may participate in ESA mission selection
The flow from an idea to a mission

1. **EPEC website**
   - Idea form
   - List of ideas
   - Development of ideas by teams of (mostly) EPRC members

2. **Incubation week**
   - Development of ideas by teams of EPRC members, with help of experts
   - Presenting ideas to EuroPlanet (and others ...)
   - Development of actual mission proposals
   - Years and years and years ....

3. **Mission selection**
   - EPEC influencing on mission selection