Sprint launch to the splinter sessions

The Organising Committee
Opportunities for Engagement

- Missions
- Payloads
- Infrastructure
- Technology

- Ground & Space-based infrastructure
- Data / knowledge / information
- Technology / patents

- Research partner
- Technology partner
- Business partner
Opportunities for Engagement

Microgravity Application Promotion Programme
Commercial Partnerships for Space Exploration

Lunar Comm.s Pathfinder
Bartolomeo
IceCubes

Dream Chaser 4 European Utilisation
**Working Together**

- Order the cards from the smaller number to the bigger one (from 1 to 9)
  - 1 volunteer orders 9 cards
  - 3 volunteers order 3 cards
Splinter Sessions: 1 - 5

1. Advanced Medical Diagnostics and Therapies, Imaging and Point-of-Care and e-Health technologies
2. Remote and autonomous healthcare monitoring and intervention
3. Health issues associated with ageing and sedentary population
4. Genetics and personalised medicine
5. Environmental risk assessment models, surveillance, protection and countermeasures

ESA Innovation Exchange
When Space meets Health
### Splinter Sessions: 1 - 5

<table>
<thead>
<tr>
<th>Splinter Session</th>
<th>Chair</th>
<th>ESA Representative</th>
<th>Meeting Room</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Derk Schneemann, Verhaert</td>
<td>Arnaud Runge</td>
<td>Nb 325</td>
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<tr>
<td>2</td>
<td>Paul M. Bansmann, KH Porz am Rhein</td>
<td>Lluc Diaz Angelika Daniels</td>
<td>Na 115</td>
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<td>3</td>
<td>Martina Heer, Univ. of Bonn Nathaniel Szewczyk, Univ. of Nottingham</td>
<td>Jason Hatton</td>
<td>MML</td>
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<td>4</td>
<td>Alex Pines, Erasmus Medical Centre</td>
<td>Leonardo Surdo</td>
<td>Nc 229</td>
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<tr>
<td>5</td>
<td>Marco Silari, CERN</td>
<td>Ulrich Straube</td>
<td>Na 213</td>
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- Photographer: Mandeka Papini, ESA
- Social Network Feeder: Phil Raitt, ESA
- Facilitators: Veronica La Regina, ESA and Ramesh Krishnamurthy, UN - WHO
Guides for Splinter Sessions

<table>
<thead>
<tr>
<th>1st Round</th>
<th>2nd Round</th>
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<tbody>
<tr>
<td>- Contributions from participants</td>
<td>- Brainstorming – <em>Cont’d</em> -</td>
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<td>- Narrow down outcomes</td>
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<td>- Editing of the outcomes</td>
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<td>10 Minutes</td>
<td>20 Minutes</td>
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<td>15 Minutes</td>
<td>10 Minutes</td>
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- Please, feel free to have break-time within the 3hs
- Meeting rooms are equipped with tea/coffee machines and water dispensers
Brainstorming Frame

- Identify the key-problems to bridge space & non-space, science & market/society
- Identify the overcoming strategy to fill the gaps
- Provide recommendations

Space serves Society
Brainstorming Frame

• **Goal:** Bridging Space to Society for health purposes
  • **Challenges:**
    • Address Space to serve non-space purposes
    • Foster Space to reach market potentials
    • Engage ESA with new non-space partners
  • **Expected outcomes:**
    • Identification of synergetic mission goals
    • Measures to fill the gaps
    • Agreement on follow-on: ESA Innovation Partners
    • Providing recommendations to all involved parties
**Outcome of Splinter Sessions**

<table>
<thead>
<tr>
<th>Technology</th>
<th>Potentials</th>
<th>Concerns</th>
<th>Actions</th>
<th>Actionee</th>
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- Some technologies are covered by ESA patents
- The info of ESA patents related with the topics of the splinter sessions are provided