

OB Cell loading Unige

Preliminary
Work ongoing

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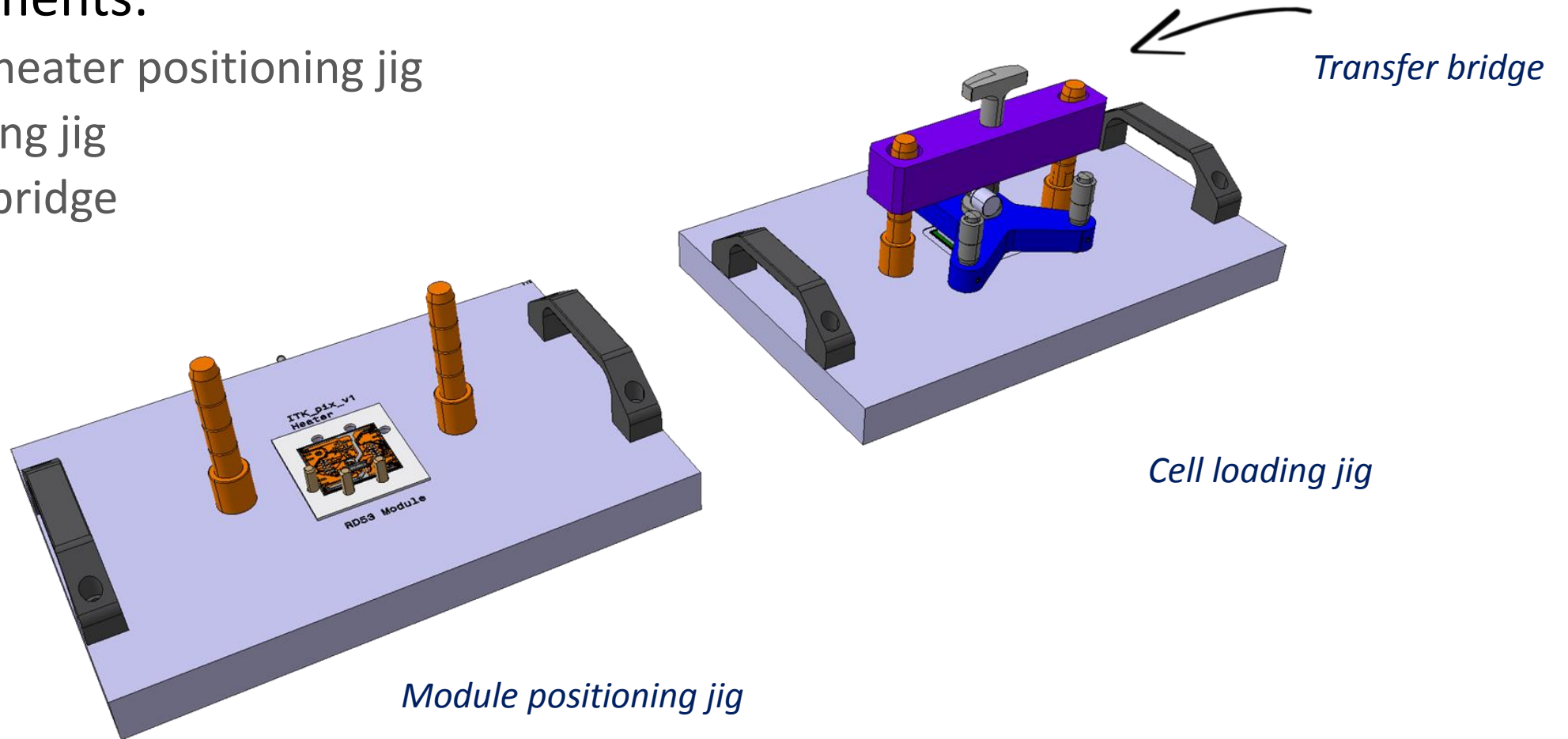
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Unige loading tool

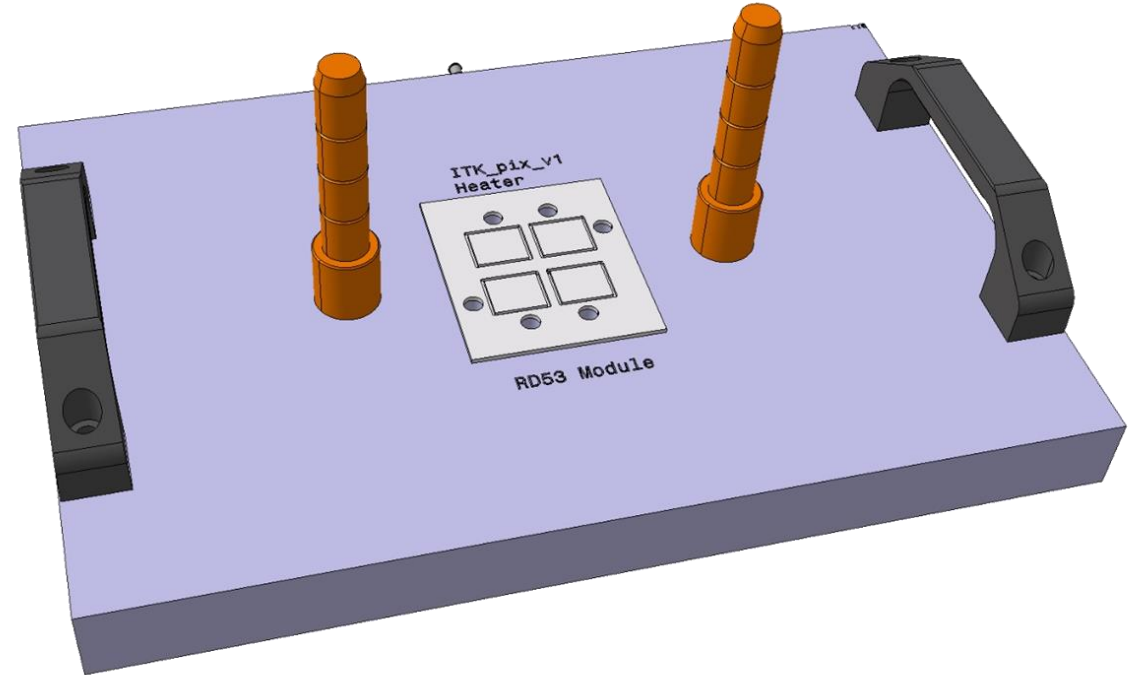


- 3 main elements:
 - Module/heater positioning jig
 - Cell loading jig
 - Transfer bridge



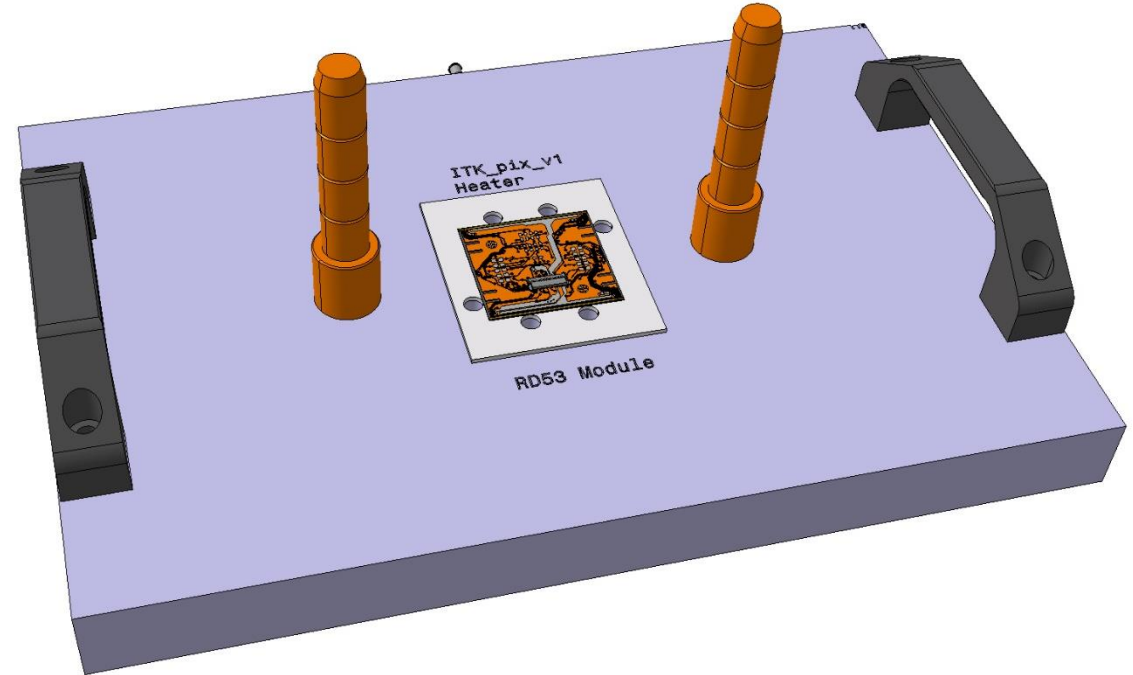
Module / heater positioning jig

- Able to position all types of modules / heaters
- Similar approach than demonstrator:
 - Machined PTFE
 - Positioning pins
 - PEEK
 - Guiding pillars
 - Vacuum system



Module / heater positioning jig

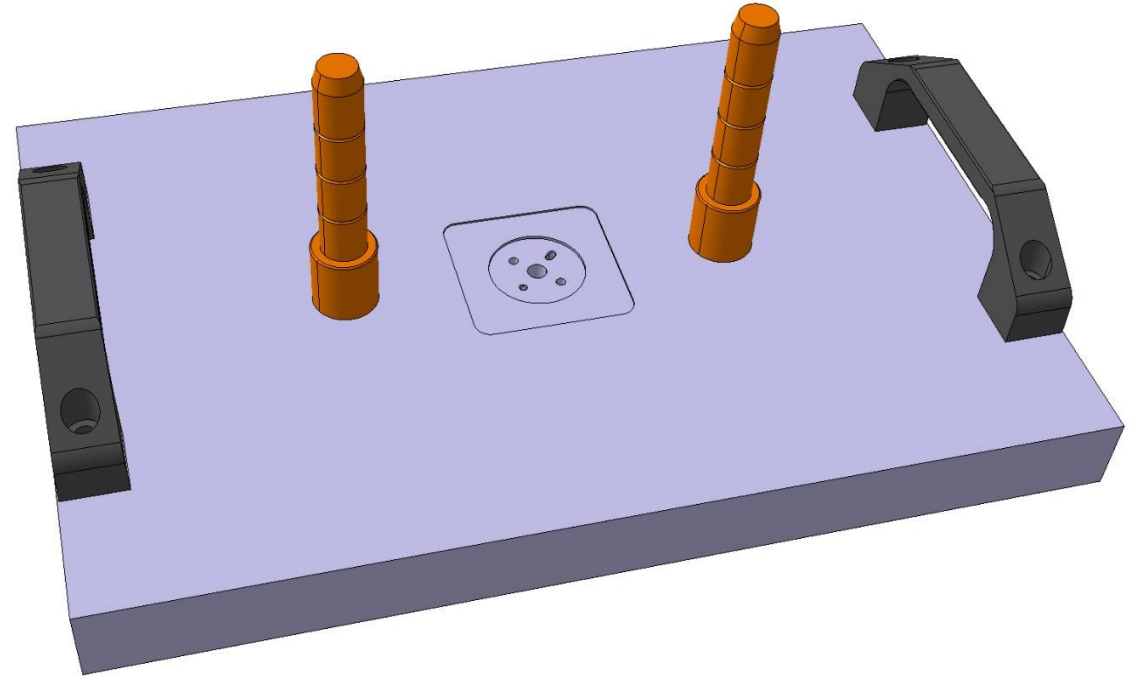
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Cell loading jig



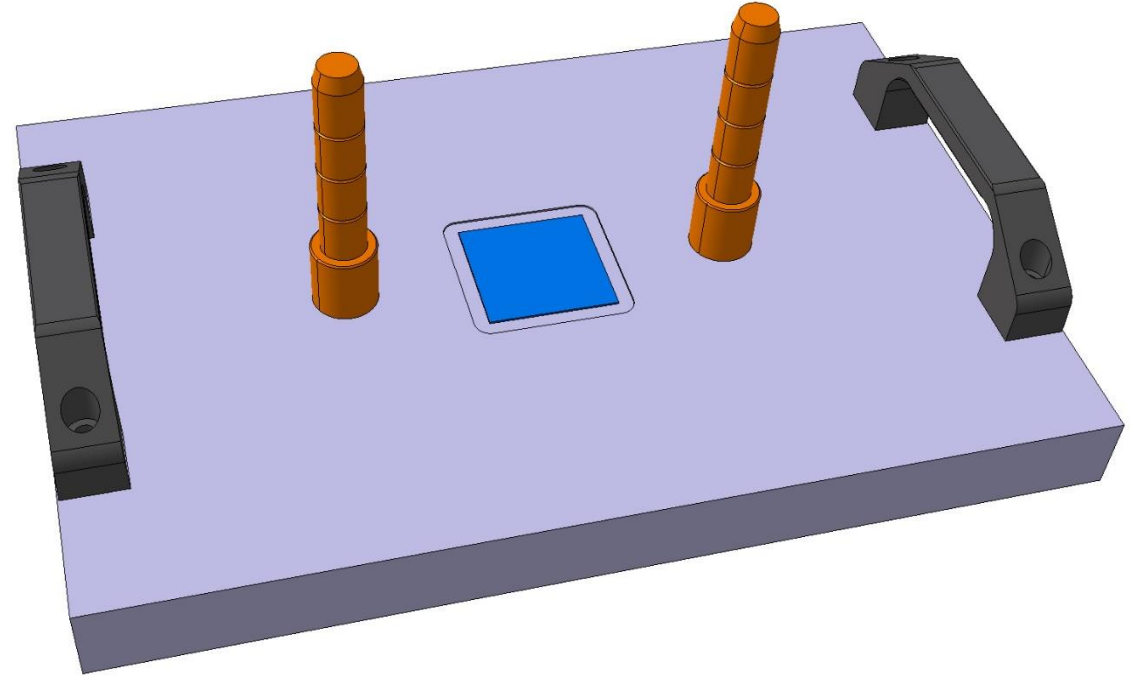
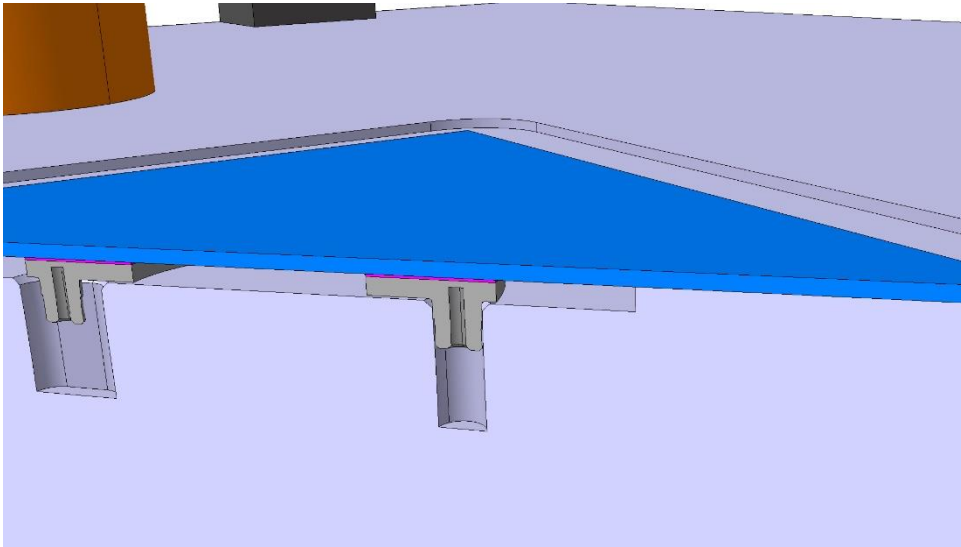
- Machined positioning holes



Cell loading jig

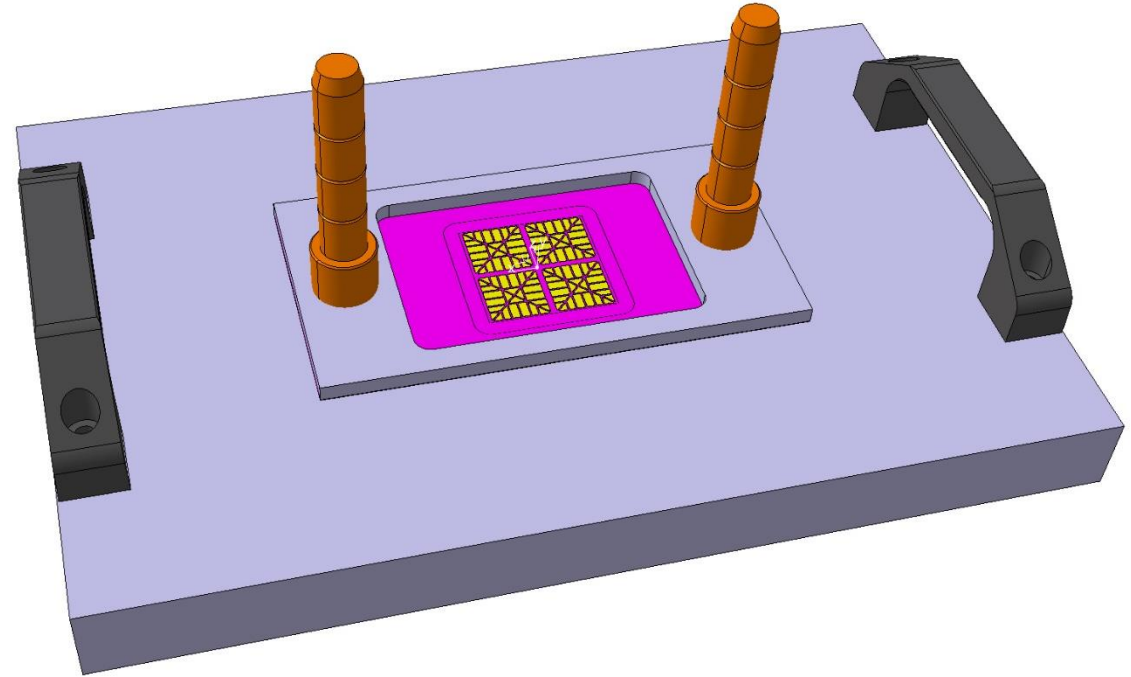


- Back of TPG tile in contact



Cell loading jig

- Glue application



Transfer bridge



- Vacuum interface
 - Could be changed independently
- Spherical joint
- Height adjustment system

