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12 **Fracture imaging using DAS-recorded microseismic events**  
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23    **Key points:**

- 24    1. Mapping fractures and understanding the reservoir response are the main goals of microseismic  
25       monitoring during hydraulic fracturing.
- 26    2. Distributed Acoustic Sensing provides high spatial resolution of microseismic reflections data.
- 27    3. The proposed fracture imaging workflow uses reflected shear waves in the time-space domain  
28       to map induced fractures in space domain.