



# INTERNATIONAL GEOMECHANICS SYMPOSIUM

7-10 NOVEMBER  
ABU DHABI, UAE

ADNOC HOST  
**FIELD TRIP & WELCOME DINNER**



# FRACTURES SYSTEM



**Normal Extensional faults forming graben system. B: Close view showing fault splayers. C: Folded calcite vein. D: Open conductive fractures.**

# FRACTURES SYSTEM



**A&B: Conductive fracture systems accompanying strike slip master faulting. The fractures showing strike-slip component (Arrows)**

# FRACTURES SYSTEM



Guess, how many fractures trends present in this exposure? Which one is the oldest?



Ataxial or stretching veins grow in cracks that change position (jump) in time.

- Always inside vein
- Inside vein and wall rock

# IMPLICATIONS FOR HYDRAULIC FRACTURES



INTERNATIONAL  
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Deformation at fracture linkage zone



Bedding plane slickensides



Chert nodules and Sparry cavity, Rus Fm.

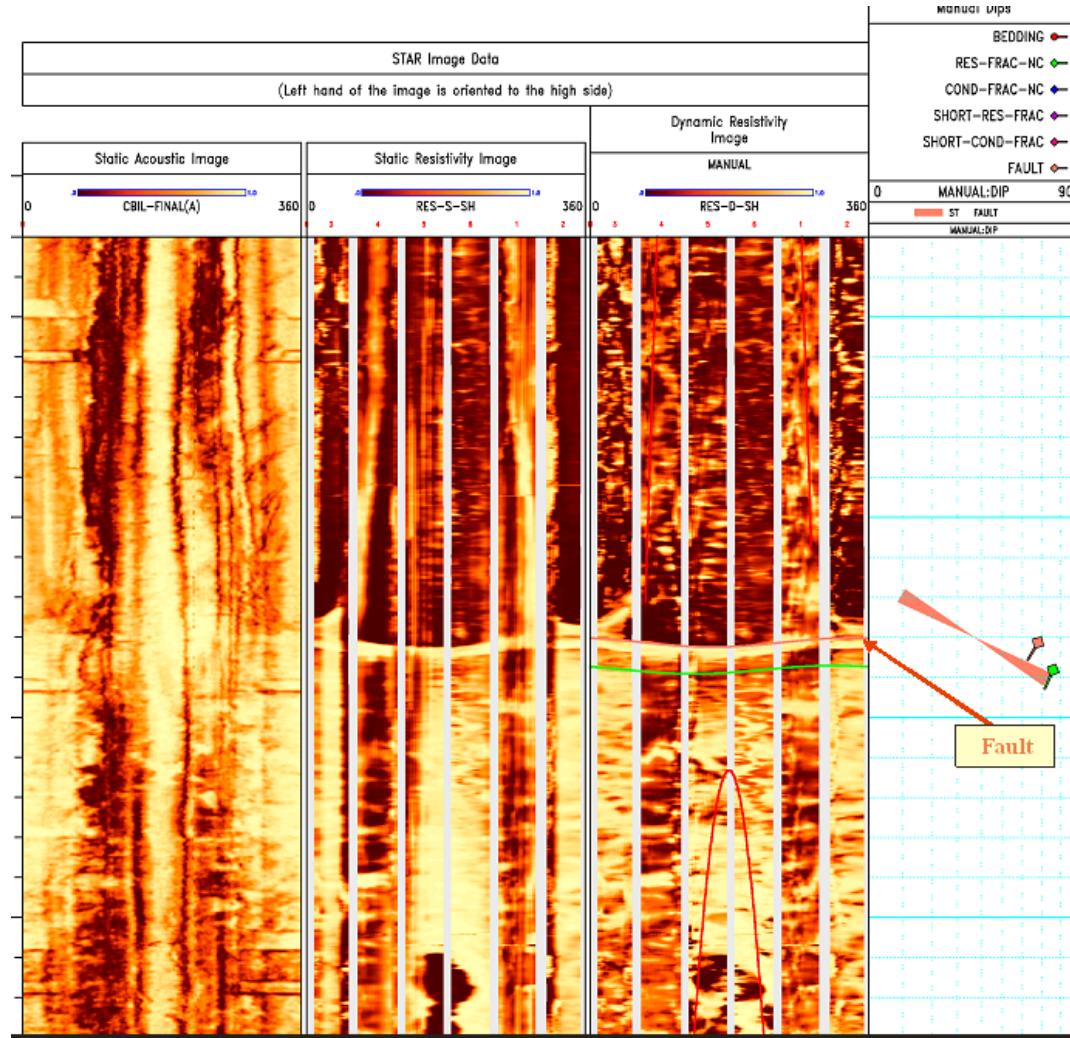


Diagenetic (host rock alteration by cementation).



Dissolution cavities related to dolomitization, Rus Fm (enhancement of porosity).

## Fault segments linkage

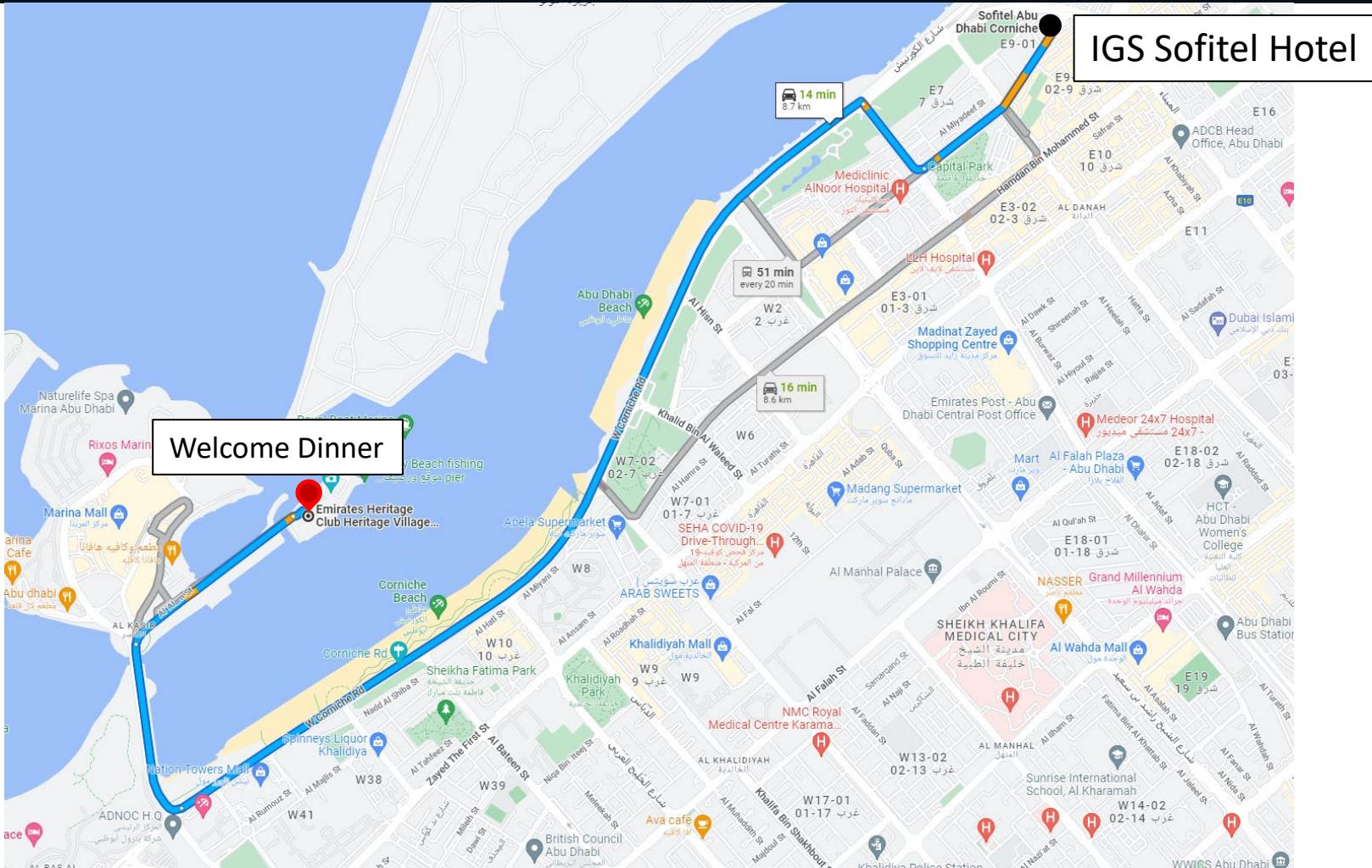


# WELCOME DINNER

7<sup>TH</sup> NOVEMBER 2022



# LOCATION











# ABU DHABI IS LOOKING FORWARD TO MEET YOU

