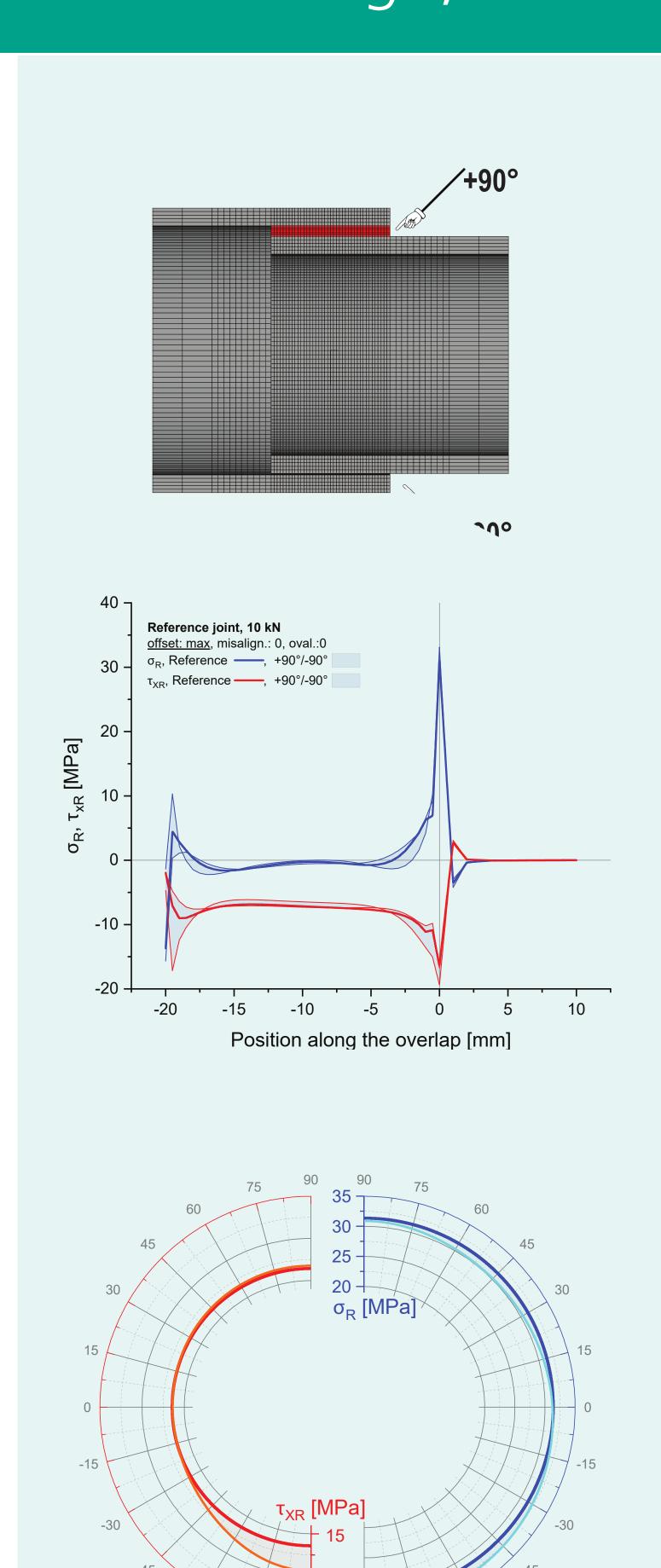
## Modelling the strength of adhesively bonded G-FRP tube connections

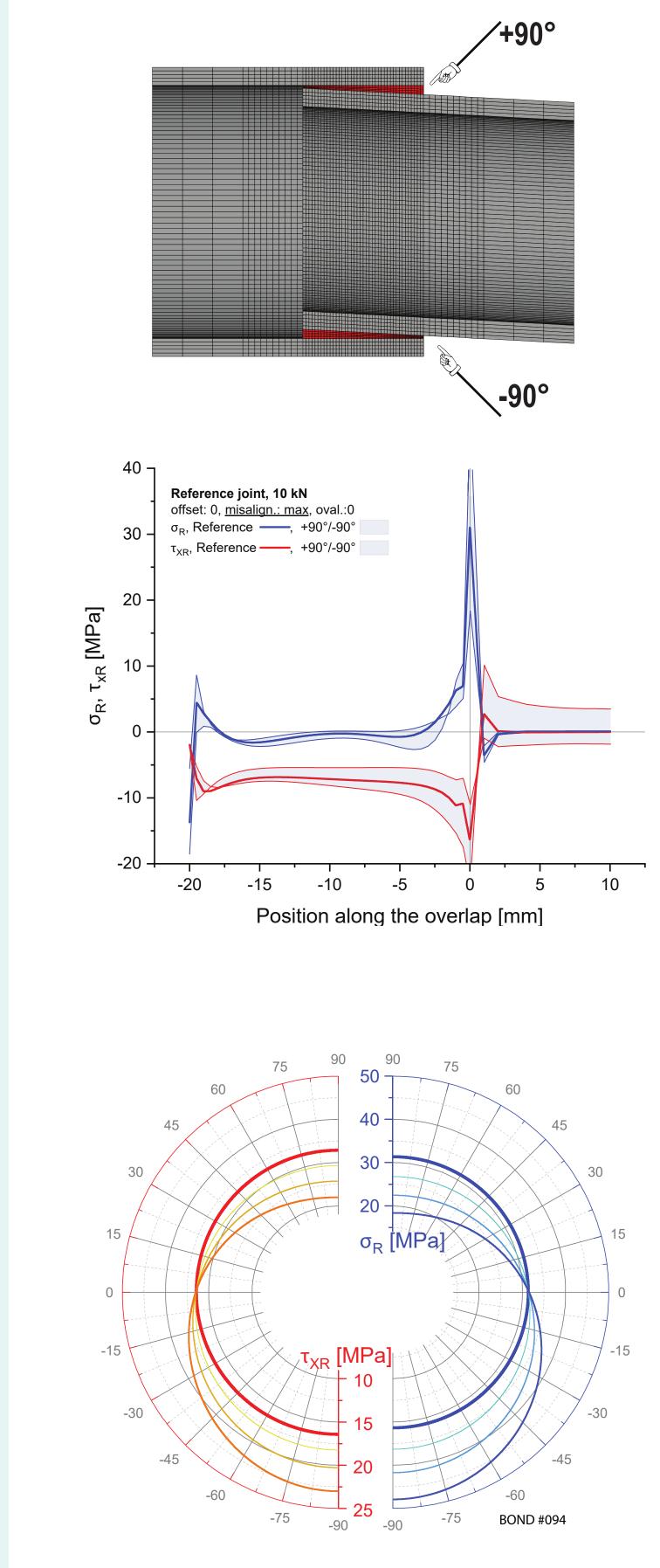
T. Vallée\*, M. Voss\*, M. Kaufmann\*, M. Albiez\*\*

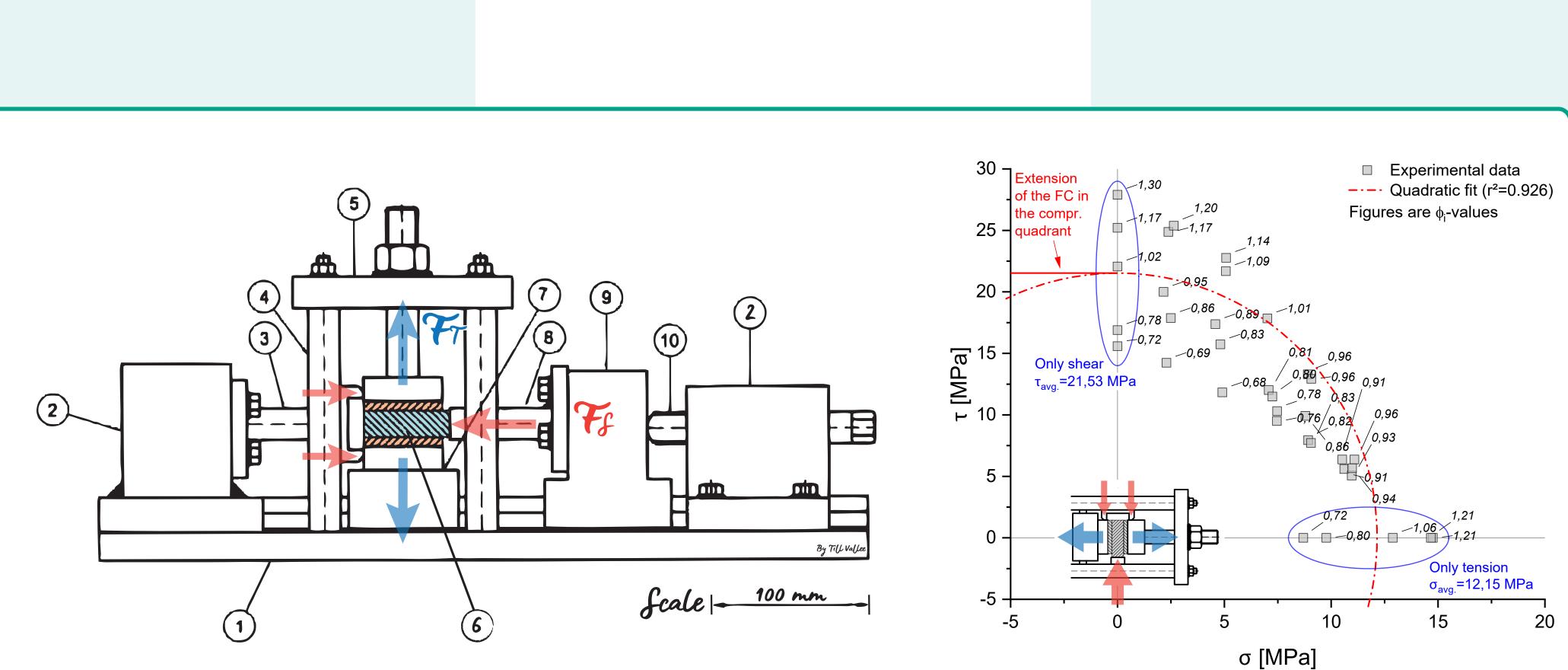
- \* Fraunhofer Institute for Manufacturing Technology and Advanced Materials IFAM, Bremen (DE)
- \*\* Karlsruher Institut für Technologie, Steel and Lightweight Structures Karlsruhe (DE)

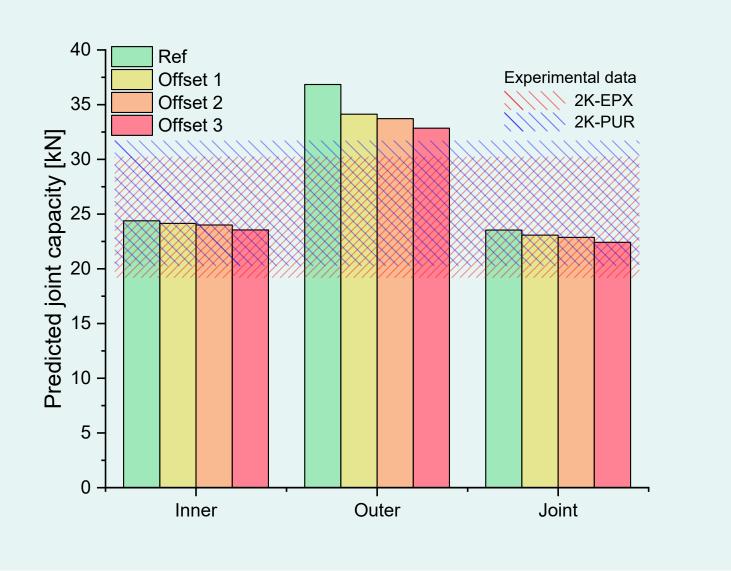
shear within

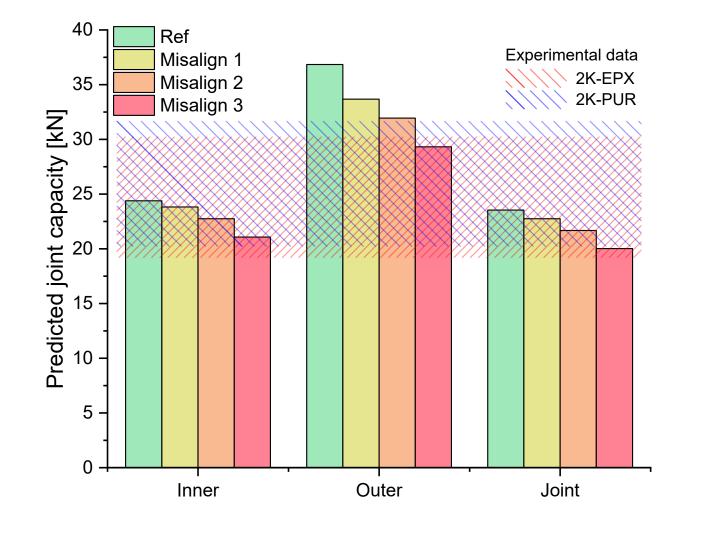


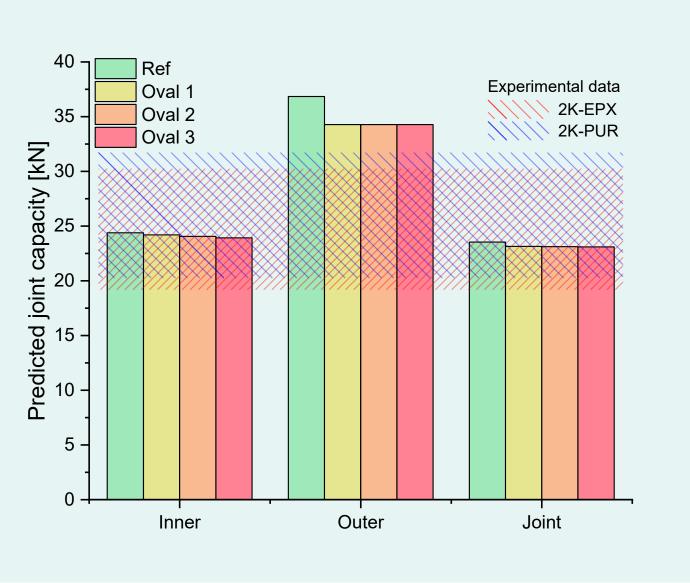












Reference joint, 10 kN

 $\tau_{xR}$  [MPa]

σ<sub>R</sub>,

-10

offset: 0, misalign.: 0, oval.:max

r<sub>XR</sub>, Reference ——, +90°/0°

Position along the overlap [mm]

 $\sigma_R$ , Reference ——, +90°/0°

