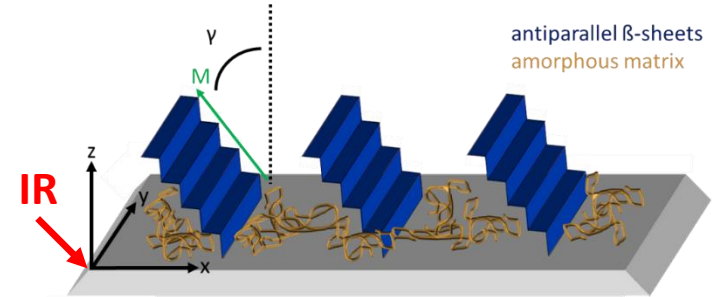


DFG: Self-assembly and structure formation of spider silk based proteins and peptides in thin films



Aim

- Understanding conformation & orientation in spider silk materials



Approach

- Recombinant synthesis of spider silk based multiblock copolypeptides
- Deposition of recombinantly produced spider silk at nanostructured planar substrates
- Secondary structure & orientation analysis by dichroic ATR-FTIR, CD, SFM

Project Data

Funding period:	11/2019-10/2022
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Funded by:	DFG
Project leader:	A. Fery / M. Müller



Project Leaders

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