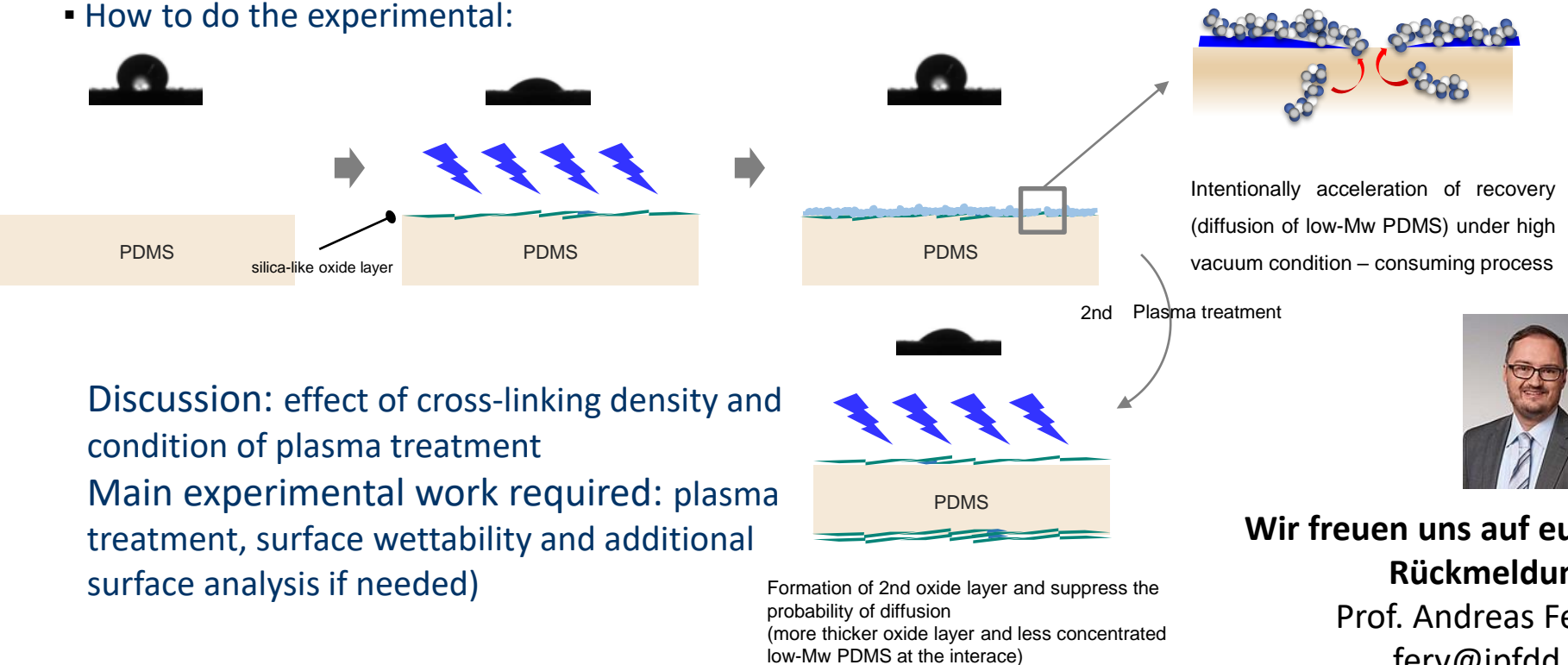


Long-term hydrophilic surface modification of PDMS

Motivation: In general, hydrophobic recovery of PDMS is well known after hydrophilic treatment of the surface due to the bulk to surface migration of the low-Mw PDMS. In order to make hydrophilic treatment of PDMS sustainable, there are lots of effort to suggest, for example, additional coating of hydrophilic layer, extended thermal aging, and solvent extraction prior to surface treatment. Here, we suggest a simple method for production of long-term hydrophilic PDMS surface treatment by pre-consuming the diffusible low-Mw PDMS under high vacuum condition.

- How to do the experimental:



Wir freuen uns auf eure Rückmeldung!
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