Program, SMS årsmöte, 4 juni 2021

Mötet äger rum på zoom,
`https://lu-se.zoom.us/j/65823584284?pwd=MkpwSUlqZVRCaTNiY1VIYWxEd3ZYUT09`
Lösenord: 2021SMS

14.30–15.15 Grigori Rozenblioum
Presentation of the works of Magnus Goffeng

15.15 Utdelning av Wallenbergpriset

15.30–16.15 David Witt Nyström (wallenbergpristagare 2018)
The complex Monge–Ampère equation and the Hele–Shaw flow
The complex homogeneous Monge–Ampère equation (CHMAE) plays a leading role in complex analysis and geometry, similar to that of the Laplace equation in one complex variable, which it indeed generalizes. But due to its nonlinearity, its regularity theory is much more subtle, and still not fully understood. I will try to explain a connection between this equation and the Hele-Shaw flow, which describes the propagation of a viscous fluid, and how this can be used to construct singular solutions to the CHMAE. This is based on joint work with Julius Ross, University of Illinois at Chicago.

16.30 Årsmöte. Dagordning finns i separat dokument.