

# Program, SMS årsmöte, 13 juni 2022

Mötet äger rum i Sal 15 hus 5 i Kräftriket, Stockholms universitet

- 13.15–14.00 Christian Johansson  
*Presentation av vetenskapliga resultat av årets Wallenberg-  
pristagare: Wushi Goldring*
- 14.15–15.00 Daniel Persson  
*Presentation av vetenskapliga resultat av årets Wallenberg-  
pristagare: Martin Raum*
- 15.00 Utdelning av Wallenbergpriset
- 15.05 Kaffepaus
- 15.15–16.00 Thomas Kragh  
*(Wallenbergpristagare 2020) The nearby Lagrangian conjecture*
- 16.10 Årsmöte. Dagordning finns i separat dokument.

The nearby Lagrangian conjecture (by Thomas Kragh)

Abstract: In this talk I will define exact Lagrangians in cotangent bundles. The Nearby Lagrangian conjecture (Arnold) states that the space of these is connected. I will discuss what is known, and what is still unknown regarding this conjecture. I will also try and outline some of the different methods used to obtain these results and what methods we hope to employ in the future.