

# Asymptotic properties of modular type objects

**Kathrin Bringmann**  
 University  
 of Cologne

**April 1, 2022**  
**4:00 pm** (Beirut time)

Meeting ID: 939 3489 7151  
 Passcode: 372380

In my talk I will report about various techniques of modular type object (functions which inherit special symmetries on the complex upper half-plane)



**Kathrin Bringmann**, born on 8 May 1977, is a German number theorist in the University of Cologne, Germany, who has made fundamental contributions to the theory of mock theta functions.

She passed the State Examinations in Mathematics and Theology at the University of Würzburg, Germany, in 2002, and obtained a Diploma in Mathematics at Würzburg in 2003. She received her PhD in 2004 from University of Heidelberg under the supervision of Winfried Kohnen. During 2004–07, she was Edward Burr Van Vleck Assistant Professor with the University of Wisconsin where she began her collaboration with Ken Ono. After briefly serving as an assistant professor at the University of Minnesota, she joined the University of Cologne, Germany, as Professor. Bringmann has been awarded the Alfred Krupp-Förderpreis for Young Professors, a one-million-Euro prize instituted by the Alfred Krupp von Bohlen und Halbach Foundation. She is the third mathematician to win this prize. She has also been awarded the SASTRA Ramanujan Prize in 2009 for her contributions to “areas of mathematics influenced by the genius Srinivasa Ramanujan.” She was the Emmy Noether Lecturer of the German Mathematical Society in 2015.