



## Invitation

### Logic Colloquium

**Luca San Mauro** and **Giorgio Venturi**  
(Università La Sapienza, Rome) (Universität Konstanz)

### *Illocutionary acts in mathematics*

the talk will take place **online**  
on **Monday, 17.01.2022** at **15:15**.

Zoom link: <https://zoom.us/j/91012278241?pwd=VGtTYzNxeFNBZG1DYU53bUpZTnptdz09>

Meeting ID: 910 1227 8241

Passcode: 449869

All interested are welcome to attend

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**Abstract:** In this talk, we present our broad research project that aims to revisit the language of mathematics through the lens of contemporary linguistics and philosophy of language. We argue, against a certain received view, that pragmatic phenomena occur in mathematics in a peculiar fashion. In particular,

1. we adopt speech act theory to examine the illocutionary forces that shape theorems and proofs;
2. we offer a novel understanding of mathematical proofs as complex speech acts which combine a commissive and a directive nature;
3. we finally characterize mathematical assertions as those assertions in which the success of the illocution binds the success of the perlocution.

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Carolin Antos, Salma Kuhlmann  
Coordinators of the Logic Colloquium