

Workshop Schlumberger : Types dépendants et Formalisation des mathématiques

Contribution ID: 2

Type: **not specified**

How to Do Maths Without Dependent Types (T: 45 min + Q: 15min)

Wednesday, June 15, 2022 11:00 AM (1 hour)

What can be done when formalizing mathematics without dependent types? I will give you new insights into this question by exploring the capability and possible limitations of the Isabelle/HOL proof assistant. I will explain what we learnt formalizing Grothendieck's schemes using only Isabelle's module system called "locales".

Presenter: Prof. BORDG, Anthony (University of Cambridge)