

Workshop on Philosophy of Mathematics

- ・ 日時 : 2015 年 6 月 22 日 (月) 16:00~18:00
- ・ 場所 : 文学部校舎 1 F 会議室
- ・ 使用言語 : 英語

Sebastien Gandon

Title : Mathematical Knowing-How

Abstract

In the recent literature on knowing-how, mathematical knowledge is always conceived as a kind of knowledge-that. In this talk, I challenge this assumption, and discuss the relation between knowing-how and knowing-that in mathematics. My aim is to suggest that the study of mathematical knowing-how could teach us something general on the relation between practical and theoretical knowledge.

Henri Galinon

Title : A naturalistic defense of indispensability arguments for mathematical realism

Abstract

It has been argued recently by Panza and Sereni that, for any clear notion of indispensability, either there are no conclusive argument for the thesis that mathematics is indispensable to science, or the notion of indispensability at hand does not support mathematical realism. In this presentation, I shall assess critically their argument and present a refined naturalistic defense of the indispensability argument for mathematical realism.