
BRUHAT-TITS BUILDINGS AND BERKOVICH SPACES

February 17–19 2014
IRMA, Strasbourg

This is the first meeting of the ANR project ANR-12-JS01-0007 “GLOBES”.

We aim at understanding the relationship between Bruhat-Tits buildings and Berkovich spaces. We will follow the article “Bruhat-Tits theory from Berkovich’s point of view. I. Realizations and compactifications of buildings” in *Annales scientifiques de l’ENS* 43, fascicule 3 (2010), 461-554 by B. Rémy, A. Thuillier and A. Werner (available [here](#)).

The whole meeting is planned to be rather introductory. The first day will be devoted to Berkovich spaces, the second to buildings, and the third to the paper itself.

Organization: J. Poineau

We thank the ANR project ANR-12-JS01-0007 for financial support.



Program

02/17: Berkovich spaces

9:00 – 10:00	Introduction (J. Poineau)
10:00 – 10:30	Break
10:30 – 12:00	Berkovich Spaces: Generalities (T. Lemanissier)
12:00 – 14:00	Lunch
14:00 – 15:30	Discussion
15:30 – 17:00	Berkovich Spaces: Reduction (E. Lepage)

02/18: Buildings

9:00 – 10:30	Apartments (V. Nicolas)
10:30 – 11:00	Break
11:00 – 12:30	Buildings (A. Cámara)
12:30 – 14:00	Lunch
14:00 – 15:00	Bruhat-Tits Buildings I (G. Rousseau)
15:00 – 15:30	Break
15:30 – 16:30	Bruhat-Tits Buildings II (G. Rousseau)

03/18: Reading Rémy-Thuillier-Werner

9:00 – 10:30	Embedding of Buildings into Berkovich Spaces (M. Maculan)
10:30 – 11:00	Break
11:00 – 12:30	Compactification of Buildings (J. Poineau)

List of participants

Bana Ayoub (Strasbourg)
Baumann Pierre (Strasbourg)
Beliaeva Tatiana (Strasbourg)
Brunebarbe Yohan (Bonn)
Cámara Alberto (Besançon)
Gignac William (Paris)
Guichard Olivier (Strasbourg)
Kurul Şevda (Francfort)
Lebacque Philippe (Besançon)
Lecomte Florence (Strasbourg)
Lemanissier Thibaud (Paris)
Lepage Emmanuel (Paris)
Maculan Marco (Paris)
Nicolas Vésale (Heidelberg)
Pirutka Alena (Paris)
Poineau Jérôme (Strasbourg)
Rodrguez Rita (Paris)
Rousseau Guy (Nancy)
Sigloch Helene (Freiburg)
Souaifi Sofiane (Strasbourg)