



WORKSHOP
on
"VALUATIONS ON RATIONAL FUNCTION FIELDS"

at
Department of Mathematics and Physics
University of Szczecin
ul. Wielkopolska 15, 70-451 Szczecin, Poland

Tuesday to Sunday, May 8-13, 2018

The purpose of the workshop is:

- 1) to gather comprehensive information about the extension of valuations from a field K to the rational function field $K(x)$ and to arrive at a synthesis of the various approaches and tools (key polynomials, generating sequences, minimal pairs, pseudo Cauchy sequences and approximation types, power series);
- 2) to discuss the open problems about extensions to rational function fields in several variables and related objects (such as e.g. $R((x,y))$).

The list of participants includes:

Eberhard Becker (Dortmund, Germany)
Anna Blaszcok (Katowice, Poland)
Ron Brown (University of Hawaii, USA)
Olga Kashcheyeva (University of Illinois at Chicago, USA)
Hagen Knaf (Hochschule Rhein Main, Germany)
Wael Mahboub (Beirut, Lebanon)
Edward Mosteig (Loyola Marymount, USA)
Josnei Novacoski (Sao Paulo, Brazil)
Miguel Ángel Olalla Acosta (Sevilla, Spain)
Giulio Peruginelli (University of Padova, Italy)
Bernd Schober (Hannover, Germany)
Bernard Teissier (Paris, France)
Michel Vaquie (Toulouse, France)

For further information, see <http://math.usask.ca/fvk/WS2018.htm>