

Program of the 12th edition of
Functional Equations in LIMoges
FELIM 2019

March 25-27, 2019

Salle de Conférences du bâtiment XLIM

Organised by

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Sponsored by

XLIM, MATHIS, GDR EFI, and Région Nouvelle-Aquitaine



FELIM 2019, Functional Equations in LIMoges

Monday, March 25

9:30 - 10:00	Registration - Welcome
10:00 - 11:00	Veronika Pillwein: <i>Functional equations in inequality proving</i>
11:00 - 11:30	Coffee break, Discussions
11:30 - 12:00	Antonio Jiménez-Pastor: <i>D^n-finite functions: a growing chain</i>
12:00 - 14:00	Lunch break
14:30 - 15:00	Tarik Chakkour: <i>A continuous-in-time financial model for public institutions</i>
15:00 - 15:30	Luc Pirio: <i>Polylogarithms, webs and cluster algebras</i>
15:30 - 16:00	Ana Rojo-Echeburúa: <i>Variational systems with an euclidean symmetry using the rotation minimising frame</i>
16:00 - 16:30	Tea break, Discussions
16:30 - 17:00	Tsvetana Stoyanova: <i>Stokes matrices via monodromy matrices of a class of reducible equations</i>
17:00 - 17:30	Cyril Banderier: <i>PDEs, D-finite functions, urns model and limiting surface of Young tableaux</i>

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Tuesday, March 26

9:30 - 10:30	Carole El Bacha: <i>On the computation of simple forms and regular solutions of linear difference systems</i>
10:30 - 11:00	Coffee break, Discussions
11:00 - 11:30	Ali El Hajj: <i>Simple forms and rational solutions of pseudo-linear systems</i>
11:30 - 12:00	Diego Dominici: <i>Orthogonal polynomial solutions of differential-difference equations</i>
12:00 - 14:00	Lunch break
14:30 - 15:30	Fernando Sanz Sánchez: <i>Real Turrittin's theorem and applications to trajectories of vector fields</i>
15:30 - 16:00	Tea break, Discussions
16:00 - 16:30	Thierry Combet: <i>Hyperexponential forms and the Poincare problem</i>
16:30 - 17:00	Sergei A. Abramov: <i>When the search for solutions can be terminated</i>
20:00 -	Conference Dinner

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Wednesday, March 27

9:30 - 10:30	Marius van der Put: <i>Solutions of first order autonomous differential equations</i>
10:30 - 11:00	Coffee break, Discussions
11:00 - 11:30	Johannes Middeke: <i>A family of denominator bounds for first order linear recurrence systems</i>
11:30 - 12:00	Camilo Sanabria: <i>Solving algebraic LODEs in terms of a finite family of functions</i>
12:00 - 14:00	Lunch break
