Conference in honor of Peter Takáč's birthday
Conference Program

Thursday June 6, 2019, MH001

		Chairman : Jacqueline Fleckinger	
9h30	**10h15**	**Jean-Pierre Gossez** Université libre de Bruxelles	Elliptic systems with a gradient term having natural growth.
10h15	**10h45**	**Coffee break**	
10h45	**11h30**	**Mabel Cuesta** Université du Littoral Côte d'Opale	Existence of positive and nodal solutions for quasilinear elliptic equations with Steklov nonlinear boundary conditions of critical growth.
11h30	**12h15**	**Vladimir Bobkov** University of West Bohemia; Institute of Mathematics of Ufa Federal Research Centre.	On the Fredholm-type theorems and sign properties of solutions for the (p, q)-Laplacian.
12h30	**14h00**	**Lunch**	
		Chairman : Pascal Bégout	
14h00	**14h45**	**Jesús Ildefonso Díaz** Universidad Complutense de Madrid, Spain	Beyond the unique continuation: flat solutions for reactive slow diffusions, the infinite and Hardy potential for Schrödinger equation and $2-d$ electron beams.
14h45	**15h30**	**Juan Francisco Padial** Departamento de Matemática Aplicada Universidad Politécnica de Madrid	Parabolic systems associated with a traffic flow on two–lane. An uniqueness result.
15h30	**16h00**	**Coffee Break**	
16h00	**16h45**	**Maya Chhetri** University of North Carolina	Positive solutions for a class of superlinear semipositone problems.

Friday June 7, 2019, MH001

		Chairman : Peter Takáč	
9h30	**10h15**	**Jean-Michel Rakotoson** Université de Poitiers	Potential-Capacity, properties and applications to some Schrödinger type problems.
10h15	**10h45**	**Coffee break**	
10h45	**11h30**	**Jochen Merker** Leipzig University of Applied Sciences, Germany	On very weak solutions of semilinear elliptic PDEs with singular integral Neumann boundary data.
11h30	**12h15**	**Petr Girg** University of West Bohemia	p-Laplacian - history, mathematical models from hydrology and natural gas extraction, experiments.
12h30	**14h00**	**Lunch**	
		Chairman : Bénédicte Alziary	
14h00	**14h45**	**Jiří Benedikt** University of West Bohemia	p-Laplacian - maximum and comparison principles, uniqueness versus nonuniqueness.
14h45	**15h30**	**Lukáš Kotrla** University of West Bohemia	p-Laplacian - applications of the theory to mathematical models.
15h30	**16h00**	**Coffee Break**	
16h00	**16h45**	**Françoise Chatelin** Université Toulouse 1 Capitole	Creativity in non linear Computation according to Dickson and Watkins.

Dinner

Saturday June 8, 2019, MH001

		Chairman : Ian Schindler	
10h00	**10h45**	**Guy Vallet** Université de Pau et des pays de l'Adour	On Lewy-Stampacchia's inequalities.
10h45	**11h15**	**Coffee break**	
11h15	**12h00**	**Falko Baustian** University of Rostock, Germany	Polynomial approximation for the Heston model.
12h00	**12h30**	**Bénédicte Alziary** Université Toulouse 1 Capitole	Overview of CeReMaths's scientific topics in collaboration with Peter Takáč.