

Symposium on Optimal Control and Related Topics

Czesław Olech in memoriam

Schedule

October 20, Thursday

Morning session (Faculty of Mathematics, Warsaw University of Technology, room 103)

10:00 – 10:05 Opening

10:05 – 10:45 R. Vinter (London), *Optimal Control Problems with Time Delays*

10:45 – 11:25 H. Frankowska (Paris), *Second Order Necessary Conditions in Optimal Control*

Coffee

11:50 – 12:30 P. Brunovsky (Bratislava), *Infinite horizon optimal control, dichotomy and closed range*

12:30 – 13:10 T. Rzeżuchowski (Warszawa), *Semicontinuity and continuity in differential inclusions - Olech's theorem with mixed assumptions*

Afternoon session (Institute of Mathematics PAS, room 321)

15:15 - 15:55 Z. Artstein (Rehovot), *Olech's extremals in the singular perturbations limit*

Coffee

16:15 - 17:15 A. Bressan (Penn State), *Recent trends in differential inclusions (colloquium)*

17:30 – 18:30 **Memory Session**

19:00 Reception

October 21, Friday (Institute of Mathematics PAS, room 403)

9:30 – 10:10 A. Cellina (Milan), *On the existence of solutions to variational problems of slow growth*

10:10 – 10:50 J. Zabczyk (Warszawa), *Controllability with vanishing energy*

Coffee

11:10 – 11:50 A. van den Essen (Nijmegen), *From Olech's Vodka Problem to the theory of Mathieu-Zhao spaces*

11:50 – 12:30 H. Żołądek (Warszawa), *An application of the Newton-Puiseux charts in the Jacobian problem*

Lunch

14:30 – 15:10 R.T. Rockafellar (Seattle), *Progressive Decoupling of Linkages in Variational Inequality Problems with Elicitable Monotonicity*

15:10 – 15:50 B. Jakubczyk (Warszawa), *Olech's theorems on global stability and models of economic growth*

Coffee

16:10 – 16:50 A. Fryszkowski (Warszawa), *Decomposability as a substitute for convexity*

16:50 – 17:30 A. Dontchev (Ann Arbor), *The four theorems of Laurence M. Graves*