Programme on
“Modern Maximal Monotone Operator Theory: From Nonsmooth Optimization
to Differential Inclusions”
January 28 – March 8, 2019

organized by
Heinz H. Bauschke (U of British Columbia), Radu I. Boţ (U Vienna), Hélène Frankowska (U Paris VI), Michael Hintermüller (Weierstrass Inst. Berlin), D. Russell Luke (U Göttingen)

Lecture Series on
“Optimal Control and PDE Constrained Optimization”
February 4 – 7, 2019

• Monday, February 4, 2019
09:15 – 10:45 Fredi Tröltzsch
An introduction to the optimal control of nonlinear partial differential equations (I)
10:45 – 11:15 Coffee / Tea break
11:15 – 12:45 Hélène Frankowska
Optimal controls for evolution control systems (I)
12:45 – 14:30 Lunch break
14:30 – 16:00 Piermarco Cannarsa
Singularities of solutions to Hamilton-Jacobi equations (I)

• Tuesday, February 5, 2019
09:15 – 10:45 Piermarco Cannarsa
Singularities of solutions to Hamilton-Jacobi equations (II)
10:45 – 14:30 Lunch break
14:30 – 16:00 Fredi Tröltzsch
An introduction to the optimal control of nonlinear partial differential equations (II)

• Wednesday, February 6, 2019
09:15 – 10:45 Fredi Tröltzsch
An introduction to the optimal control of nonlinear partial differential equations (III)
10:45 – 11:15 Coffee / Tea break
11:15 – 12:45 Michael Hintermüller
Optimal control of nonsmooth structures (I)

12:45 – 14:30 Lunch break

14:30 – 16:00 Hélène Frankowska
Optimal controls for evolution control systems (II)

- Thursday, February 7, 2019
  09:15 – 10:45 Michael Hintermüller
  Optimal control of nonsmooth structures (II)
  10:45 – 14:30 Lunch break
  14:30 – 16:00 Piermarco Cannarsa
  Singularities of solutions to Hamilton-Jacobi equations (III)

All lectures take place at ESI, Boltzmann Lecture Hall!