UNIVERSIDAD TECNICA FEDERICO SANTA MARIA

EX UMBRA IN SOLEM

DEPARTAMENTO DE MATEMÁTICA

CONTROL OF STATE-CONSTRAINED DYNAMICAL SYSTEMS

School and Workshop

24 - 27 September 2019, Valparaíso, Chile

Objectives

- Bring together researchers working on optimal control of state-constrained dynamical systems, with an emphasis on:

  Moreau's Sweeping processes and **Models from science and technology**

- Promote this field of optimization among graduate and undergraduate students.

- LECTURERS:

  Boris **MORDUKHOVICH** (Wayne State University, USA)

  Giovanni **COLOMBO** (Università di Padova, Italy)

- PLENARY SPEAKERS:

  Bernard **BROGLIATO** (INRIA Grenoble Rhone-Alpes, France)

  Pavel **KREJČÍ** (Czech Academy of Sciences, Czech Republic)

  Michele **PALLADINO** (Gran Sasso Science Institute, Italy)

  Vincenzo **RECUPERO** (Politecnico di Torino, Italy)

Invited speakers

- María Soledad **ARONNA** (Fundação Getulio Vargas, Brazil)
- Jorge **BECERRIL** (Universidade do Porto, Portugal)
- Tan H. **CAO** (State University of New York, South Korea)
- Aris **DANIILIDIS** (Universidad de Chile, Chile)
- Paolo **GIDONI** (Czech Academy of Sciences, Czech Republic)
- Nathalie **KHALIL** (Universidade do Porto, Portugal)
- Fernando **LOBO PEREIRA** (Universidade do Porto, Portugal)
- Oleg **MAKARENKOV** (University of Texas at Dallas, USA)
- Dinh H. **NGUYEN** (Universidad de Concepción, Chile)
- Athena **PICARELLI** (Università di Verona, Italy)
- Geraldo Nunes **SILVA** (Universidade Estadual Paulista, Brazil)
- Emilio **VILCHES** (Universidad de O'Higgins, Chile)
- Peter **WOLENSKI** (Louisiana State University, USA)
- Hasnaa **ZIDANI** (ENSTA ParisTech, France)

Information

coscds2019.mat.utfsm.cl

- PROGRAM

  2 mini-courses (4 lectures each)

  4 plenary talks (1 per day)

  14 invited talks

- ORGANIZING COMMITTEE

  Giovanni **COLOMBO**
  (Università di Padova)

  Cristopher **HERMOSILLA**
  (Universidad Técnica Federico Santa María)

  Emilio **VILCHES**
  (Universidad de O'Higgins)