

## Program Addendum

### SIAM Conference on Control and Its Applications (CT11)

*Changes to the printed program received through **Tuesday, July 19**, are included on this page.*

*Changes received after this date are posted in the registration area under*

#### **ON-SITE PROGRAM CHANGES.**

**All sessions scheduled in Constellation E will be held in Constellation C.**

**All sessions scheduled in Constellation F will be held in Constellation D.**

**General Sessions will be held in Constellation C/D.**

Page #	Day	Session	Time	Description of Change
10	Sun	Poster	6:00 PM	<b>Cancellation:</b> Amit Badlani
10	Sun	Poster	6:00 PM	<b>Cancellation:</b> Jyotiranjana Nayak
11	Mon	MS1	10:15 AM	<b>Cancellation:</b> José Daniel Lopez--Barrientos
11	Mon	MS2	11:15 AM	<b>Replacement Talk:</b> Eladio Ocana replaced by Peter Wolenski (previously in MS28)
11	Mon	MS3	11:45 AM	<b>Cancellation:</b> Richard Fabiano
16	Mon	CP2	5:15 PM	<b>New Session Chair:</b> Andrew Clark, Thomson Reuters, USA
16	Mon	CP2	6:15 PM	<b>Cancellation:</b> Brian Field
16	Mon	CP3	5:35 PM	<b>Cancellation:</b> Assia Benabdallah
16	Mon	CP3	6:35 PM	<b>Cancellation:</b> Andreas Schmidt
16	Mon	CP4	5:35 PM	<b>Cancellation:</b> Helena Sofia Rodrigues
16	Mon	CP4	5:55 PM	<b>Talk Moved:</b> Antonios Armaou moved to CP8
17	Mon	CP6	5:35 PM	<b>Cancellation:</b> Amit Badlani
17 & 18	Tue	Remarks and IP3	8:10 AM	<b>Presentation Time Changes:</b> <u>Remarks</u> - scheduled for 8:10 AM, will begin at 8:55 AM. <u>IP3 Presentation</u> - scheduled for 8:15 AM, will begin at 9:00 AM <u>SICON Prize Lectures</u> - scheduled for 9:00 AM - CANCELLED
23	Tue	CP8	5:55 PM	<b>Cancellation:</b> Hui Hui replaced by Antonios Armaou (previously in CP4)
24	Tue	CP9	6:15 PM	<b>Cancellation:</b> Salvatore Federico
26	Wed	MS28	11:00 AM	<b>Talk Moved:</b> Peter Wolenski moved to MS2
27	Wed	MS30	10:00 AM	<b>Cancellation:</b> Simon Illingworth
27	Wed	MS30	11:00 AM	<b>Cancellation:</b> Dietmar Rempfer
30	Wed	MS38	3:30 PM	<b>Replacement Talk:</b> Song Yao replaced by Chao Zhu, University of Wisconsin, Milwaukee, USA: <i>On Optimal Harvesting in Stochastic Environments: Optimal Policies in a Relaxed Model</i>

Monday, July 25

**SIAG/CST Prize Lecture - *Decentralized Control, Convexity, and Linear Optimality***

9:00 AM - 9:45 AM

Room: Constellation C/D - 2nd Floor

The design of decentralized controllers is a longstanding open problem. Conventional controls analysis breaks down when multiple controllers have access to different information. With the advent of complex interconnected systems, what have long been interesting and difficult mathematical problems have become pertinent practical problems as well.

It is shown that when a simple condition holds, then optimal controllers may be found via convex optimization. This condition unifies the few previously identified tractable problems, and elucidates many new ones. Subsequent work studying the synthesis of controllers for the remaining problems is then addressed.

The classic question of when are linear controllers optimal is revisited, with links to the question of convexity discussed.

**Michael C. Rotkowitz, University of Melbourne, Australia**