

COMPLEX SYSTEMS IN SPORT

INTERNATIONAL CONGRESS 2017

LINKING THEORY AND PRACTICE

BARCELONA, 5th — 6th OCTOBER 2017,
FC BARCELONA STADIUM "CAMP NOU"

Organized by:



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BARCA
INNOVATION HUB

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COMPLEX SYSTEMS IN SPORT

INTERNATIONAL CONGRESS 2017

The main aim of this International Congress of Complex Systems in Sport is to bring together the sport scientists and specialists of different disciplines from all over the world who are interested in developing new approaches and strategies for sport performance based on Complex Systems Science.

INEFC's Complex Systems in Sport Research Group has reunited a stellar array of Invited Speakers; and the Scientific Committee has built a programme format that encourages interaction among the participants covering multiple aspects of important and emerging topics such as talent detection, training methodologies, game analysis, performance assessment, team dynamics and leadership in a multidisciplinary scenario where scientists, coaches, trainers, students, and sport-related professionals will exchange their ideas for contributing to the development of research, theory, and practice in the field of sport.

BARÇA INNOVATION HUB hosts this event at the mythical FC Barcelona Stadium "Camp Nou" a unique exciting venue! Barcelona, our town, is a Mediterranean city open to people and to the world, known for its dynamic nature and for being a vibrant international meeting point.

See you all in Barcelona!

PLENARY SESSIONS SPEAKERS



Scott KELLO

Florida Atlantic University (USA)

"Principles of Coordination"



Wolfgang SCHÖLLHORN

Johannes Gutenberg-Universität (GERMANY)

"Differential Training as a Turbo for Body and Brain"



Robert HRISTOVSKI

University of Ss. Cyril and Methodius Skopje (MACEDONIA)

"Unpredictability in Competitive Environments"



Jaime SAMPAIO

Universidade de Trás-os-Montes e Alto Douro (PORTUGAL)

"A Short Journey into the Dimensions of Performance in Team Sports"



Rafel POL

FC Barcelona (SPAIN)

"Cons-Training in Team Sports"

INVITED SESSIONS

Thursday, 5th October

Game and Performance Analysis

Jordi Duch (ESP), Robert Rein (GER), Daniel Memmert (GER), Wouter Frencken (NED)

Training and Learning Methodologies

Jia Yi Chow (SGP), Bruno Travassos (POR), Ludovic Seiffert (FRA)

Injuries: Myths, Realities and Future Approaches

Sergio Fonseca (BRA), Dani Medina (ESP), Chad Cook (USA)

Friday, 6th October

Performance Assessment in Sport

Tim McGarry (CAN), Micael Couceiro (POR), Harjo de Poel (NED)

Developing Resilience in Athletes and Teams

Rollin McCraty (USA), Adam Kiefer (USA)

Athletes as Complex Adaptive Systems

Sam Robertson (AUS), Keith Davids (UK), Matt Dicks (UK)

Interpersonal Coordination

Laura Cuijpers (NED), João Milho (POR), Phillip Furley (GER), Frank Zaai (NED)