



**7TH CONFERENCE
ON APPLIED
GEOMETRIC
ALGEBRAS IN
COMPUTER SCIENCE
AND ENGINEERING**

PROGRAMAÇÃO



23/07/2018

SEGUNDA-FEIRA

DECONSTRUCTING THE ELECTRON CLOCK

09:30

David Hestenes

Instituição: Arizona State University

**THREE-DIMENSIONAL QUADRICS IN HYBRID
CONFORMAL GEOMETRIC ALGEBRAS OF HIGHER
DIMENSIONS**

11:30

Eckhard Hitzer

Instituição: International Christian University

**AN INTRODUCTION TO GEOMETRIC ALGEBRA:
FROM BASIC MANIPULATIONS TO COORDINATE
FRAMES**

13:30

Joan Lasenby

Instituição: University of Cambridge



24/07/2018

TERÇA-FEIRA

GEOMETRIC METHODS FOR MODELLING AND CONTROL IN ROBOTICS **09:00**

Eduardo Bayro-Corrochano

Instituição: Cinvestav

25/07/2018

QUARTA-FEIRA

THE DESIGN OF CYCLIDIC VOLUMES **09:00**

Pablo Colapinto

Instituição: University of California

STRUCTURE PRESERVING REPRESENTATION OF EUCLIDEAN MOTIONS THROUGH CONFORMAL GEOMETRIC ALGEBRA **13:30**

Leo Dorst

Instituição: University of Amsterdam



26/07/2018

QUINTA-FEIRA

GEOMETRIC ALGEBRA COMPUTING FOR A WIDE RANGE OF COMPUTING DEVICES **09:00**

Dietmar Hildenbrand

Instituição: Hochschule Rhein-Main Ruesselsheim

27/07/2018

SEXTA-FEIRA

THE VECTOR ALGEBRA WAR **09:00**

Derek Abbott

Instituição: University of Adelaide

GEOMETRIC ALGEBRA AS A UNIFYING LANGUAGE **13:30**

Anthony Lasenby

Instituição: University of Cambridge