Applied Geometric Algebra in Computer Science and Engineering 2015

AGACSE 2015

Summer School
July 27-28, 2015

Barcelona, Spain

Topics

Basic Notions of Geometric Algebra / **EH**

Rotations and Transformations / **AL**

Symbolic Geometric Algebra / **AM**

Geometric Calculus /**AM**

Conformal Geometric Algebra / **JL**

Physical Applications / **WR**

Quaternionic Fourier Transforms / **EH**

Differential Geometry and Relativity / **WR**

Engineering Applications / **JL**

Teachers

EH Eckhard Hitzer
International Christian University, Tokyo, Japan.

AL Anthony Lasenby
Cambridge University, United Kingdom.

JL Joan Lasenby
Cambridge University, United Kingdom.

AM Alan Macdonald
Luther College, Iowa, USA.

WR Waldyr Rodrigues, Jr.
University of Campinas, Brazil

Hands-on Sessions. As a continuation of the Symbolic Geometric Algebra hands-on computer session, there will be three more hands-on sessions organized in a few parallel groups, each focused on some interesting specific question and under the guidance of a teacher.

http://www-ma2.upc.edu/agacse2015/summer-school.html
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