Workshop announcement

ISESS 2015

MELBOURNE Australia

March 25-27 2015

Environmental modelling and decision making processes using Maple

Convenor: Asim Gous
ASES

Maple is a state-of-the-art mathematical environment which can be utilized to analyse environmental data and create forecasts. Users can for instance assess risks and develop econometric and quantitative algorithms to support current and future strategies. T

The workshop aims at introducing participants to the Maple software and providing an insight into its state-of-the-art data modelling and visualisation capabilities for environmental applications.

Maple's capabilities and benefits will be demonstrated by working through various environmental data modelling and visualisation problems. Further, the development of decision making processes and how these can be optimised using Maple's powerful optimisation tools and algorithms will be explored. Ultimately these demonstrations will explore the diverse scope of applications that are possible using Maple.

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Workshop topics

Advanced mathematical and statistical modelling

Symbolic and numeric solvers

Math-aware programming languages

Code generation tools

Live calculations and interactive computations

Links

www.isess2015.org

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