

The conference is jointly organized by the DS&OR Lab (Decision Support & Operations Research Lab) of University of Paderborn and CARISMA (Centre for the Analysis of Risk and Optimisation Modelling Applications), Brunel University.

HISTORY

APMOD Conference Series APMOD (APplied mathematical programming and MODelling) is a series of conferences which was started in 1991 due to an initiative of Gautam Mitra at Brunel University/West London. This was then followed by events which were held in Budapest (1993), Brunel (1995), Limassol/Cyprus (1998), Brunel (2000), Varenna/Italy (2002), Brunel (2004), Madrid (2006), Vienna-Bratislava (2008).

LOCATION

The sessions will be held in the Heinz-Nixdorf-Forum in the beautiful city of Paderborn in East Westfalia, Germany. Paderborn has a long tradition in information technology as it was home of the Nixdorf Computer company, and the area hosts numerous enterprises that focus on information technology. The Paderborn University has strong computer science, mathematics and operations research departments, and it is guided by the central principle „University for the Information Society“. Paderborn also has an international airport.

Heinz-Nixdorf-MuseumsForum

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<http://en.hnf.de>



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www.apmod.org

APMOD 2012

International Conference on Applied
Mathematical Optimization and Modelling

Paderborn, Germany
March 28-30, 2012



APMOD 2012

International Conference on Applied Mathematical Optimization and Modelling

APMOD 2012 is the tenth conference in the series of successful events covering mathematical optimization and modelling, theory as well as applications.

Contributions from modelling, solving methods and software as well as applications of optimization are very welcome. Relevant application areas include, but are not restricted to finance, transportation, supply chain planning and management, energy and infrastructure. The models may be deterministic or stochastic, and aspects considering robustness or disruption management are welcome. The methodological focus of the previous conferences has been on mathematical programming including stochastic programming. In APMOD 2012 the scope will be extended to include other methods as well, such as heuristics, metaheuristics or simulation.

An extended abstract of 3–5 pages is required until October 31, 2011. The abstracts will be available as a book at the conference. Selected papers will be published as special issues of relevant journals.

IMPORTANT DATES

Deadline extended abstract: October 31, 2011

Acceptance notification: December 15, 2011

Conference: March 28–30, 2012

More information at www.apmod.org

The program of the APMOD conference is focused on, but not limited to the following topics:

Optimization methods and software



Linear programming



Mixed-integer programming



Stochastic programming



Modelling systems



Modelling languages



Metaheuristics



Online optimization

Applications



Finance



Transportation



Energy



Supply chain



Production



Logistics



Robust optimization

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