

Kackertstr. 7, 52072 Aachen, Tel.: +49 (0) 241 80 23830, Fax: +49 (0) 241 80 623830

**GOR-Arbeitsgruppe: Praxis der  
Mathematischen Optimierung**Prof. Dr. Josef Kallrath,  
Am Mahlstein 8  
D-67273 Weisenheim am Berg  
Tel: +49 172 747-0689  
Fax: +49 621 60-6678297

Herewith we would like to invite you to the 100<sup>th</sup> meeting of the GOR working group "Real World Mathematical Optimization" at Schloß Spindlhof ([www.schloss-spindlhof.de](http://www.schloss-spindlhof.de)) in Regensstauf, Germany. This meeting is sponsored by GAMS GmbH (Cologne, Germany) and is being held as a symposium with the topic

## Mathematical Optimization in the Real World

The workshop takes place on April 12<sup>th</sup> and 13<sup>th</sup> in 2018. The event will take place in English language (abstracts and presentations are also accepted in English). We appreciate your participation in an informal get-together at April 11, 2018.

Please note that the participation in a GOR-AG-Workshop for non-members is subject to a registration fee, unless you are a speaker or a host.

Please register yourself online using <https://www.redseat.de/pmo100/> as soon as possible, but ideally not later than Apr 01<sup>st</sup>, 2018. The latest information on the meeting is available on the homepage of the GOR (<https://gor.uni-paderborn.de/index.php?id=54>).

Yours sincerely,

Josef Kallrath      Jens Schulz      Julia Kallrath

(GOR AG)

[josef.kallrath@web.de](mailto:josef.kallrath@web.de)   [jens.schulz@lhsystems.com](mailto:jens.schulz@lhsystems.com)   [julia.kallrath@h-da.de](mailto:julia.kallrath@h-da.de)

**Vorstand:**Prof. Dr. Alf Kimms (Vorsitz)  
Dr. Ulrich Dorndorf (Finanzen)  
Prof. Dr. Alf Kimms (Tagungen)  
Prof. Dr. Anita Schöbel (Arbeitsgruppen)**Kontakt:**geschäftsstelle@gor-ev.de  
[www.gor-ev.de](http://www.gor-ev.de)  
Tel.: +49 (0) 241 80-23830  
Fax: +49 (0) 241 80-623830**Bankverbindung:**Konto: 1 465 160  
BLZ: 430 500 01 Sparkasse Bochum  
IBAN: DE82430500010001465160  
BIC: WELADED1BOC

## Mathematical Optimization in the Real World

Zur 100. Arbeitsgruppensitzung haben wir uns in Verbindung mit Firma GAMS GmbH (Köln), die die Veranstaltung finanziell und ideell unterstützt, etwas Besonderes ausgedacht. Die Veranstaltung wird am 12. und 13. April 2018 im Schloß Spindlhof in Regenstauf stattfinden; es wäre schön, wenn auch schon recht viele am Vorabend, also am 11. April 2018 teilnehmen könnten. Schloß Spindlhof ([www.schloss-spindlhof.de](http://www.schloss-spindlhof.de)), ein neugotisches Schloss in Süddeutschland, bietet ein angenehmes Ambiente für diese Jubiläumsveranstaltung. Thematisch haben wir schon einige attraktive Referenten gewinnen können. Erwünscht sind Vorträge, die das Gebiet Mathematische Optimierung in einen historischen und anwendungsorientierten Zusammenhang stellen, zum anderem und hauptsächlich aber solche mit einem visionären Ausblick.

The working group has been founded in 1968 by Prof. Dr. Peter Stahlknecht. The founder will held the opening lectures of this event.

Since the early days in the 1950ties, Operations Research (OR) and especially Mathematical Optimisation has been an important differentiator in various industries and society. Because companies offer similar products, have comparable technology and compete on a global scale, high performance business processes are among the last differentiators. As UPS mentioned: "In God we trust, everything else we measure and improve", underpinning the importance of Operation Research and mathematical optimization as an enabler for creating that competitive edge. In these times of economic downturn Operations Research is even more important. It gives guidance to management on where to invest and where to scale down, making the operation more agile.

This two-days event will attempt to combine historical elements of the working group and its focus with a vision for the future as well as to provide an overview of the current state of the art of mathematical optimization. In talks, each approx. 15+5, 25+5, or 40+5 minutes experts from practice, research institutions or software companies, will present selected problems and the corresponding solutions.

Please contact:

Jens Schulz ([jens.schulz@lhsystems.com](mailto:jens.schulz@lhsystems.com)), Julia Kallrath ([julia.kallrath@h-da.de](mailto:julia.kallrath@h-da.de)) or Josef Kallrath ([josef.kallrath@web.de](mailto:josef.kallrath@web.de)) if you are interested in presenting.

Presentations from the following speakers have been confirmed:

Prof. Dr. Siegfried Jetzke (Ostfalia Hochschule für Angewandte Wissenschaften, Salzgitter)  
*t.b.a.*

Prof. Dr. Josef Kallrath (GOR Working Group “Real World Optimization”, Germany)  
*The Pleasure to Solve Real World Optimization Problems*

Alexander Meeraus (GAMS Develop., Corp) & Dr. Michael Bussieck (GAMS GmbH, Cologne)  
*GAMS - Striving for Innovation and Compatibility – to be confirmed*

Prof. Dr. Dr. h.c. mult. Panos M. Pardalos (University of Florida, Florida, USA) – *confirmed*  
*t.b.a – to be confirmed*

Prof. Dr. Peter Stahlknecht (Hannover, Germany)  
*Von den Anwendungen zur Arbeitsgruppe – Erinnerungen des Gründers*

Prof. Dr. Uwe Suhl (FU Berlin, Berlin, Germany)  
*The working Group from 19xy to 2001 – to be confirmed*

## **Location**

Schloss Spindlhof  
Spindlhofstraße 23  
93128 Regenstauf

Fon: +49 (0) 94 02 93 54 0  
Fax: +49 (0) 94 02 93 54 11

[info@spindlhof.de](mailto:info@spindlhof.de)  
[www.schloss-spindlhof.de](http://www.schloss-spindlhof.de)

**1h10m away from Munich International airport.**

## **Excursion:**

On Thursday afternoon, an excursion will be arranged for up to 60 participants (first registered, first served). The conference dinner will take place in "Schloß Spindlhof", most likely with some local folklore-music.