



*Report 4*

October 27, 2007

***On the “Life” in the German Operations Research Society  
GOR – a Partner of ORST***

**Gerhard-Wilhelm Weber (IAM, METU)**

As announced in earlier reports at September 4-7, 2007, *Operations Research 2007*, the annual international conference organized by the German OR Society, *GOR*, took place in Saarbrücken, Germany (<http://www.or2007.de/htdocs/index.html>). It was a fruitful meeting, and quite a number of friends from Turkey attended it. Two of them, *Mrs. Ozgur Kulak* and *Mrs. Derya Eren Akyol*, collected and formulated their impressions by the following letter to you:

Dear members of the YAD,

“Operations Research 2007”, the annual international conference of the German Operations Research Society (GOR) took place between 5-7 September, 2007 in Saarbrücken, Germany. Due to the transition in Germany (and many other countries in Europe) from a production orientation to a service society, this conference was devoted to the role of Operations Research in the service industry. However, participants of the conference who had other research interests, had many opportunities to join the sessions relevant to their research fields.

OR 2007 attracted approximately 400 registered participants from 30 countries. Although most of the participants were from Germany, all presentations including workshops of the software companies were given in English.

The program consisted of over 310 contributed talks, which were organized in 18 scientific sections, including one section devoted to software applications in the field of Operations Research. Three plenary (<http://www.or2007.de/htdocs/PlenaryTalks.html>) and 12 semi-plenary talks (<http://www.or2007.de/htdocs/SemiplenaryTalks.html>) allowed the participants to learn about the latest developments in important areas. In addition, several publishing companies, i.e. Springer, Vieweg and Teubner, and software companies, i.e. GAMS, ILOG, AIMMS, IDS Scheer exhibited their current, OR related products. More detailed information can be found on the conference web site [www.or2007.de](http://www.or2007.de).

The informal get together, the welcome reception and the conference dinner enabled participants of the conference to get into contact with other colleagues. The Conference Dinner took place at the World Cultural Heritage Völklingen Ironworks (Völklinger

Hütte) built in 1873 which, at the moment, accommodates the exhibition “Genius I”. We are especially very grateful to Prof. Dr. Gerhard-Wilhelm Weber and Prof. Dr. Refik Güllü for their enthusiasm in helping Turkish participants during the conference and introducing them to many researchers and scientists. They also played a great role to establish a basis for cooperation in scientific research activities between the Turkish and German Operations Research Societies.

We hope that you will participate in the next GOR conference and that you will have a chance to experience such a friendly scientific atmosphere.

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*Çok merci, değerli Ozgur, çok merci, değerli Derya!* The second one of the young ladies, Derya Hanım, also sent several photos from the Conference Dinner. The following photo shows some of the friends from Turkey, surrounded by two colleagues – new friends – from Magdeburg, Germany.



*Impressions from the Conference Dinner.*

During the conference, especially, at the *Presidents' Lunch* offered by the president of GOR, *Prof. Dr. Thomas St. Spengler*, he and his colleague as the president of ORST, *Prof. Dr. Refik Güllü*, discussed about important questions concerning the common relations. Both sides expressed their strong willingness and decidedness to collaboration, to support joint ventures, e.g., by recommendation letters when applying for funds or stays in the other country – even if the factor money lacks a bit. Actually, both societies are already continuously serving to us, they can hardly offer extra money. But please do not *not* hesitate to contact the two presidents, also me, and let us not forget the two journals of the German OR Society: *OR Spectrum* and *Mathematical Methods of Operations Research (MMOR)*, where we from Turkey can papers submit to and subscribe under the less expensive conditions which hold for the members of GOR. Actually, one renowned member of GOR, *Prof. Dr. Karl Inderfurth*, from the University of Magdeburg, approached me with a third journal and kindly asked me to inform you about it, to invite you to paper submission. This journal is called *Business Research (BuR)*. Please find closer information about the scope, persons involved and further useful information in the enclosed Attachment 1.

Indeed, Professor Inderfurth and many more friends from Germany are *sincerely* interested in us from Turkey, in learning more about us, about OR in Turkey, in collaboration and exchange. Already, excellent contacts are given but, there has been a consensus about the further common potential existing! To those ones who have shown a great interest, coordinators (or: presidents) and vice-coordinators of the GOR Working Groups belong.

In this fourth ORST-GOR report, we continue with our series of short self-introductions prepared by those *GOR Working Groups*. As a second one, we present today

### ***GOR Working Group***

## **Revenue Management and Dynamic Pricing**

Revenue management and dynamic pricing are topics which bring together marketing and production perspectives: in the presence of scarce capacities the basic question is how to sell a product in the most beneficial way using instruments like discriminated prices, inventory control, and overbooking. In 2004 a working group of the GOR was established. Its founding president is Prof. Dr. Alf Kimms, University of Duisburg-Essen ([alf.kimms@uni-due.de](mailto:alf.kimms@uni-due.de)) and its vice president is Prof. Dr. Robert Klein, University of Augsburg ([robert.klein@wiwi.uni-augsburg.de](mailto:robert.klein@wiwi.uni-augsburg.de)). The GOR had arranged a tutorial on revenue management by Kalyan Talluri which was held at the annual conference of the GOR in 2003. Several semi-plenary speakers from the field of revenue management gave presentations at the annual GOR conferences in the past. The working group organizes yearly workshops with approx. 50-60 participants from academia as well as from practice. The next workshop will be February 29, 2008 at the university of Duisburg (organized by Alf Kimms). Updated information can be found on the working group's homepage: [https://gor.uni-paderborn.de/Members/AG\\_rmdp/](https://gor.uni-paderborn.de/Members/AG_rmdp/).

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As many of you know and it was written in the last report, *EURO XXIII 2009* will take place in Bonn, Germany, in July 5-8, 2009. If you are interested in an active participation at EURO 2009, for example, as a stream or session organizer, please do not hesitate to send your proposal (e.g., via [gweber@metu.edu.tr](mailto:gweber@metu.edu.tr)). I and, what is more, the local organizers from Germany, will be very glad and grateful to you!

May I please conclude with drawing your attention to three reports which will be published in the next issue of GOR's bulletin: OR News 31 (2007). All of them are related with a very strong contribution from Turkey and Germany. Attachment 2 contains a report about *Joint EUROPT-OMS Conference, 2<sup>nd</sup> Conference on Optimization Methods & Software and 6<sup>th</sup> EUROPT Workshop "Advances in Continuous Optimization"* (<http://cio.umh.es/europt-oms/>) which has been a very successful satellite event of EURO XXII 2007 in Prague. Secondly, for 2008, we invite you to valuable *20<sup>th</sup> Mini-EURO Conference 2008 "Continuous Optimization and Knowledge-Based Technologies"* in Neringa, Lithuania, May, 20-23, 2008. For this event, besides the sponsors listed in the poster of Attachment 3, also IAM of METU is a sponsor and SIAM is about to become endorsed, too. Please find continuously updated information on the 20<sup>th</sup> Mini-EURO under <http://www.mii.lt/europt-2008/>. Thirdly, there is also *Workshop in Memory of Professor Hayri Körezlioğlu: Recent Developments in Financial Mathematics and Stochastic Calculus*, Ankara, Turkey, April 25-26, 2008; please visit the homepage <http://korezlioglu.iam.metu.edu.tr>. For this event you are cordially invited! Related please find Attachment 4 and the subsequent poster.

Future issues of OR News and also this series of ORST-GOR report will inform about *further events and activities forthcoming*.

For the time being I remain,  
with my best wishes,

yours sincerely,

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**Workshop in Memory of  
Professor Hayri Körezlioğlu:**

**“Recent Developments in  
Financial Mathematics and Stochastic Calculus”**

Ankara, April 25-26, 2008

<http://korezlioglu.iam.metu.edu.tr>

$$\frac{S_0(d_1)\sigma}{2\sqrt{T}} - rK_0 e^{-T\Phi(d_2)}$$

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The poster features a central portrait of Professor Hayri Körezlioğlu, surrounded by a collage of images including financial charts, group photos, and architectural landmarks. At the bottom, there are logos for EUROPT, EURO WÇ CBMM, EURO WÇ OKD, and the Institute of Applied Mathematics at METU.

3 Attachments Following