# Reflections on Wonderful OR Experiences at EURO Conferences Over 20 Years

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Anna Nagurney

**EURO Conferences Over 20 Years** 

of Management

### Acknowledgment

Many thanks to Professors Gerhard-Wilhelm "Willi" Weber and Roberto Rossi for the invitation to speak in this interesting session. It is an honor!



Thanks also to the OR Society for hosting this conference!



### Congratulations

A BIG Congratulations to EURO on its 50th anniversary and also to its flagship journal, the *European Journal of Operational Research* (EJOR), published since 1977!



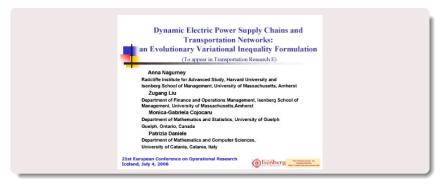
# EURO 2006 Reykjavik

That summer I had three weeks of conferences, beginning with one in Cyprus, followed by EURO Reykjavik, and then Erice in Sicily. I used only one carryon suitcase but, luckily, my husband and daughter met me in Reykjavik and brought warmer clothes.



EURO Reykjavik was an amazing conference - with 700 delegates and the biggest scientific conference there to that date!

My presentation at my first EURO conference was based on the paper, "Dynamic Electric Power Supply Chains and Transportation Networks: An Evolutionary Variational Inequality Formulation," A. Nagurney, Z. Liu, M.-G. Cojocaru, and P. Daniele, *Transportation Research E* 43: (2007) pp 624-646.



It was great to see OR colleagues!



The week after EURO Reykjavik I was in Erice for a conference and Italy beat France in the World Cup final, which we watched. The celebrations that followed were incredible!



# **EURO 2015 Glasgow**

That summer I also had 3 weeks of conferences in Europe, beginning with the Dynamics of Disasters conference that I co-organized in Kalamata, Greece, and then the EUROPT Workshop on Continuous Optimization in Edinburgh.



The EURO 2015 conference in Glasgow had 2,300 operations research delegates from around the world. It was, as of that date, the biggest conference ever held in Glasgow. I was delighted to have two papers presented at EURO Glasgow.





It was thrilling to have the fashion supply chain paper with ecolabelling that I had presented in a Springer book on display (along with chapters of mine in two other books).

A big highlight of EURO Glasgow was hearing Sir Alan Wilson, then of UCL, deliver a keynote talk on the Future of Cities in the beautiful Barony Hall, which was packed. He was then the Professor of Urban Regional Systems.



Sir Wilson began his talk by stating that "he secretly thought that he always was an Operations Researcher," and then stated that he is an Operations Researcher.

He emphasized nonlinearities, complex systems, and the high level of interdependencies in cities (just think of population and infrastructure, for example).

Sir Wilson also noted the importance of transportation and networks and how infrastructure ties issues of population with the economics of cities.

In his keynote, Sir Wilson listed 6 challenges of cities in the United Kingdom, and stated that the challenges also apply to other cities and I agree.

Specifically, he noted the challenges as being: people (demography), city economcs, the environment and sustainability, urban form (land use and green belts, which I am so passionate about), infrastructure, and governance. He said that the UK is very centralized and cities are pushing for more decentralization and autonomy.

In 2007, Sir Wilson was elected an RSAI (Regional Science Association International) Fellow and so was I!

Another big highlight was to hear R. Tyrrell "Terry" Rockafellar deliver the IFORS Distinguished Lecture: "Risk and Reliability in Stochastic Optimization."



Photo courtesy of IFORS.

# **EURO 2016 Poznan**

I was a Visiting Fellow at All Souls College at Oxford University during the 2016 Trinity term and traveled from the UK to Poznan for the conference.



The above photos were taken at the Oxford Encaenium at which both the Nobel Laureate Paul Krugman and MIT Professor Millie Dresselhaus received honorary degrees. And, amazingly, one of the papers of mine presented in Glasgow was published in an edited volume in which Krugman also had an invited chapter.

The Poznan EURO Conference was rich in culture and delicious food.



The first paper that I presented was, "Competitive Food Supply Chain Networks with Application to Fresh Produce," which was co-authored with Min Yu. This paper was invited in a special session: Meet the Editors of EJOR. The Editors of the European Journal of Operational Research (EJOR) discussed the journal and our paper was one of two selected as being impactful and highly cited.



Three additional papers of mine that were presented. Two were scheduled in parallel sessions so, luckily, I had a co-author available to present.



This conference was also exceptional in its organization.



A major highlight was hearing Nobel laureate Robert Aumann deliver the plenary lecture: "Why Optimize? An Evolutionary Perspective."

# **EURO 2018 Valencia**

### Reflections on EURO 2018 Valencia

I could not make it to this EURO conference, which I heard was excellent, but a collaborator (and former PhD student) did present a co-authored paper of ours that was published in EJOR.



# **EURO 2019 Dublin**

Acknowledgments to the Programme Committee of this and ALL other EURO conferences!



#### Women in OR Panel





The WISDOM Forum, established in 2020, and part of EURO, is an outgrowth of this panel and ensuing discussions. The WISDOM Forum aims to provide a platform to support, empower and encourage the participation of all genders in Operational Research within EURO.

And, at EURO 2019, fellow panelist Martine Labbe' became the first recipient of the EURO Gold Medal!

It was wonderful to be introduced by Matthias Ehrgott of Lancaster University before my tutorial.



In addition to the tutorial that I gave at this conference I also presented the following paper: "Global Supply Chain Networks and Tariff Rate Quotas: Equilibrium Analysis with Application to Agricultural Products," A. Nagurney, D. Besik, and L.S. Nagurney, Journal of Global Optimization 75: (2019) pp 439–460.



### Lasting memories were created at this conference!



### EURO 2021 Athens - Virtual

### Reflections on EURO 2021 Athens - Virtual

The COVID-19 pandemic was an extremely challenging time for all of us but IFORS, INFORMS, and EURO helped to keep us connected. Thanks to Ruth Kaufman for organizing the Making an Impact Lightning Talks!



### Reflections on EURO 2021 Athens - Virtual

This presentation was given by my then PhD student based on a paper published in *The International Journal of Production Economics*.



# **EURO 2024 Copenhagen**

This EURO conference came at the end of 3 weeks in Europe (5 countries) and only one carryon suitcase, beginning with the conference on the 70th Birthday of Panos Pardalos in Halkidiki, Greece.



This EURO conference began for me with the WISDOM panel on Networking that I had the pleasure of speaking on. The panel was organized by Paula Carroll and Annunziata Esposito Amideo. Joining me on the panel was life coach Margaret Collins.



The WISDOM Forum is very active in organizing events, engaging in social media and has various terrific initiatives; more info on its website. Other related such forums include the WORMS forum of the professional society of INFORMS and WORAN of The OR Society.

### What we emphasized on the panel included the following:

- 1. The importance of networking.
- 2. Strategies for developing networks of visibility.
- 3. Communication skills to deliver your message.
- 4. How to deal with nerves or anxiety.

I chaired the invited session: **Complex Societal Problems**, and also delivered a presentation on our latest research with my Isenberg School PhD student Dana Hassani and two Kyiv School of Economics colleagues: Oleg Nivievskyi and Pavlo Martyshev.



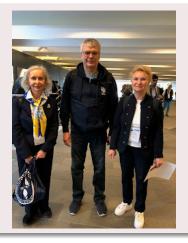
The session was excellent and included additional papers on refugee resettlement, impacts of climate change of refugee flows, and healthcare entrepreneurship in rural areas of Kenya.

And my collaborator (and former PhD student), Deniz Besik, presented at EURO Copenhagen our paper, which was published this month of June in the *Journal of Global Optimization!* 





From having several of my PhD students there to the great EJOR Editorial Board meeting and seeing colleagues from around the globe made for an incredible conference!



And, at the Halkidiki Conference, I met Tetyana Romanova and Petro Stetsyuk, both from Kharkiv in Ukraine, and saw them again at EURO Copenhagen. Tetyana is now a Professor at Leeds University.

### EURO 2025 Leeds

### Reflections on EURO 2025 Leeds

We are still creating memories of this EURO Conference.



In addition to this presentation, I am grateful to Ruth Kaufman for including me in the Making An Impact Lightning Talk Session, and also for the opportunity to present on crop and cargo war risk insurance, work done with my PhD student, Ismael Pour, and colleague Borys Kormych in Odesa, Ukraine.

### Time to Celebrate



# Thank You Very Much!



More information on our work can be found on the Supernetwork Center site: https://supernet.isenberg.umass.edu/