

January 2025

## Memorial Endorsement for Professor Yuval Hadas

We, the colleagues of Professor Yuval Hadas from Israel and around the world, are honored to endorse the following three eulogies in his memory: from his workplace university, his graduating university, and an international colleague.

Professor Hadas, who passed away on February 16, 2024, was a pioneering leader and innovator in public transportation research and practice. His extensive contributions spanned multiple disciplines, leaving an enduring legacy in academia, industry, and the broader community.

Yuval organized the prestigious CASPT 2022 international conference in Tel Aviv, a testament to his academic vision and leadership. His groundbreaking work in logistics, smart transportation systems, and cutting-edge technologies transformed the field and inspired countless students, colleagues, and collaborators around the globe. **His impact will be remembered for generations to come.**



**In Loving Memory of  
Professor Yuval Hadas  
(04.02.1967–16.02.2024)**

### **Excerpts from the Eulogy by Prof. Tal Avinadav, Head of the Department of Management, Bar-Ilan University, February 18, 2024**

I extend my deepest condolences to the Hadas family for their tremendous loss. You have endured a difficult period, full of trials, hopes, and prayers. We all waited and prayed together for Yuval to recover and return to us, but sadly, we lost this battle, and our department has lost a dear and beloved colleague. From our first conversation, it was clear that Yuval was not only deeply knowledgeable in logistics, a field he had worked in as an army officer, but also a young lecturer brimming with motivation and enthusiasm. I was impressed by his dedication, love for logistics, and ability to connect academic knowledge to practical transportation challenges. Yuval became head of the undergraduate logistics program and later led the master's program in supply chain management and logistics, excelling in both. He was also deputy head of the department for five years, contributing tirelessly.

Yuval expertise in smart transportation, GIS, and innovative technologies brought international recognition. He collaborated globally, received prestigious grants, and was an active editorial board member for leading journals. His work was widely recognized through prestigious grants, including a personal ISF and multiple awards from the Israel Smart Transportation Center. He served as an editor for *Transportation Research Part E* and actively contributed to key transportation committees internationally, cementing his reputation as a thought leader.

Yuval's absence leaves a significant void. He was not only a distinguished scholar and teacher but also a good-hearted person, a true friend, and a devoted husband and father. We will always remember his smile, energy, and integrity. **May his memory be a blessing.**

### **Excerpts from the Eulogy by Prof. Avi Ceder (Technion) at the TransitData Conference in London, July 2, 2024**

It is with profound sadness that I open this memorial session for Yuval Hadas, who passed away far too soon at the age of 57. His untimely loss is deeply felt. Yuval was the driving force behind the last joint CASPT and TransitData conference, where his leadership and tireless efforts ensured its success. He managed many responsibilities, including coordination with transport ministers from Chile and Israel, a testament to his dedication and ability.

On a personal note, Yuval was my second PhD student and a trailblazer in transportation research. His pioneering work on synchronized transfers, published in *Transportation Research Part C*, introduced the innovative concept that public transport vehicles could reliably meet at any feasible road point, not just at designated stops. He incorporated reliability parameters and operational tactics such as holding, skip-stop strategies, speed adjustments, short-turns, and shortcuts. His optimization model, validated through simulation, showcased his methodical and inventive approach.

Yuval's ability to think beyond conventions was one of his greatest strengths. He often said, "Logic is a systematic way of arriving at the wrong conclusion with confidence," a reflection of his creative mindset. He was also the first to define the "quality of transfer," categorizing types such as street-cross, sidewalk, and non-walk transfers, while developing these ideas within a multi-agent framework. In recent years, Yuval extended his expertise to autonomous vehicles and drones, demonstrating his adaptability and forward-thinking vision.

Those who knew Yuval will always remember his humility, warmth, and friendship. His groundbreaking contributions to transportation research and his exceptional character leave a lasting legacy. **May his memory and his remarkable achievements continue to inspire us.**

**Excerpts from the Eulogy by Prof. Riccardo Rossi (EWGT Coordinator) at the  
26<sup>th</sup> EWGT Annual Conference (Lund, September 4, 2024)**

We first met Prof. Yuval Hadas in January 2013 at the Transportation Research Board Meeting in Washington D.C., where he proposed spending a period at the University of Padova as part of the Eden project. From the outset, it was clear this collaboration would be both fruitful and enriching. It marked the beginning of a long partnership and friendship, with exchanges between Yuval at our university and us at Bar-Ilan, collaborating on shared research interests.

I fondly recall the nickname Prof. Tova Rosebloom gave Yuval during one of our meetings: "an integrator." Indeed, Yuval had a unique ability to bring together ideas, projects, and people with unforgettable vitality and passion. Yuval was a key member of the EURO Working Group on Transportation (EWGT), contributing his expertise and enthusiasm to become one of the group's leading figures. He played pivotal roles in organizing the EURO Winter Institute in Bressanone in 2017 and the EURO Mini Conference on Freight Transportation and Logistics in Padova in 2018.

He also served on the board of the Doctoral School of Civil, Environmental, and Architectural Engineering in our department, where he mentored doctoral students, and as a member of the editorial board of *Transportation Research Procedia*, helping establish the journal. Yuval's scholarly contributions included numerous papers and the co-edited volume *Advanced Concepts, Methodologies, and Technologies for Transportation and Logistics* published in 2017. To honor his legacy, the 26th EWGT Meeting awarded a prize for the best work on public transport optimization, a fitting tribute to Yuval's invaluable contributions to the field.

It is truly difficult to capture the scope of Yuval's energy, passion for transport, and the potential of the ideas we shared. His legacy is immense, and **his strength and vitality will remain an enduring inspiration.**

In closing, these eulogies reflect the meaningful contributions of Professor Yuval Hadas to public transportation research and academia. His visionary work, dedication, and kind spirit left a lasting impression on colleagues and students worldwide. Yuval's influence extends beyond his accomplishments, inspiring many through his example. **May his memory and work continue to inspire us all.**

**Endorsers** (listed alphabetically by last name)

**The following colleagues, friends, and collaborators endorse this letter and honor the memory of Professor Yuval Hadas:**

Dr. Mahdi Amiripour, AT, Auckland, NZ  
 Prof. Tal Avinadav, Bar-Ilan Uni., Israel  
 Prof. Erel Avineri, Afeka Academic College, Israel  
 Prof. Jaume Barcelo, Polytech. Uni. of Catalonia, Spain  
 Prof. Shlomo Bekhor, Technion, Israel  
 Prof. Eran Ben-Elia, Ben-Gurion Uni., Israel  
 Prof. Boaz Ben Moshe, Ariel Uni., Israel  
 Dr. Galit Butbul, Bar-Ilan Uni., Israel  
 Prof. Oded Cats, TU Delft, The Netherlands  
 Prof. Avishai (Avi) Ceder, Technion, Israel  
 Prof. Tatyana Chernonog, Bar-Ilan Uni., Israel  
 Prof. Makoto Chikaraishi, Hiroshima Uni., Japan  
 Dr. Subeh Chowdhury, Uni. of Auckland, NZ  
 Mr. Bevan Clement, Uni. of Auckland, NZ  
 Prof. Seosamh Costello, Uni. of Auckland, NZ  
 Prof. Jorge Pinho de Sousa, Uni. of Porto, Portugal  
 Prof. Roger Dunn, Uni. of Auckland, NZ  
 Mr. Shlomo Ehrlich, Bar Ilan Uni., Israel  
 Prof. Fouad El Ouardighi, Essec Business School, France  
 Dr. Amir Elalouf, Bar-Ilan Uni., Israel  
 Prof. Gil Epstein, Bar-Ilan Uni., Israel  
 Dr. Domokos Esztergar-Kiss, Budapest Uni. of Tech&Eco.  
 Prof. M.A. Figliozzi, Portland State Uni., USA  
 Dr. Yuhan Gao, PayPay Corp, Japan  
 Prof. Massimiliano Gastaldi, Uni. of Padova, Italy  
 Prof. Giorgio Gnecco, IMT Sch. for Adv. Stud. Lucca, Italy  
 Prof. Noam Goldberg, Ben Gurion Uni., Israel  
 Prof. Jack Haddad, Technion, Israel  
 Dr. Stephan Hassold, Air New Zealand, NZ  
 Prof. Theuns Henning, Uni. of Auckland, NZ  
 Prof. Avi Herbon, Bar-Ilan Uni., Israel  
 Dr. Sharon Hovav, Bar-Ilan Uni., Israel  
 Dr. Dvir Kaveh, Bar-Ilan Uni., Israel  
 Prof. Hezi Israeli, Kinneret Academic Coll., Israel  
 Prof. Kepaptsoglou Konstantinos, National Technical Uni. of Athens, Greece  
 Prof. Konstantin Kogan, Bar-Ilan Uni., Israel  
 Dr. Inbar Kremer, Bar-Ilan Uni., Israel  
 Prof. Fumitaka Kurauchi, Gifu Uni., Japan  
 Prof. Evgeni Levner, H.I.T., Israel  
 Dr. Liat Lifshitz Engel, Bar-Ilan Uni., Israel  
 Prof. Tao Liu, SWJTU, China  
 Prof. Racheli Magnezi, Bar-Ilan Uni., Israel  
 Prof. Karel Martens, Technion, Israel  
 Dr. Oren Nahum, Ashkelon Academic Coll., Israel  
 Prof. Toshiyuki Nakamura, Gifu Uni., Japan  
 Prof. Neema Nassir, Uni. of Melbourne, Australia  
 Dr. Mahmood Nesheli, CSA Group, Canada  
 Prof. Junji Nishida, Japan Res. Inst. for Social Sys., Japan  
 Prof. Michele Ottomanelli, Polytech. Uni. of Bari, Italy  
 Dr. Yaacov Ozingi, Bar-Ilan uni., Isreal Italy  
 Prof. Mauro Passacantando, Uni. of Milano Bicocca, Italy  
 Dr. Andres Rabinowicz, Caliper, USA  
 Prof. Jonathan Rabinowitz, Bar-Ilan University, Israel  
 Dr. Prakash Ranjitkar, Uni. of Auckland, NZ  
 Prof. Tova Rosebloom, Bar-Ilan Uni., Israel  
 Prof. Riccardo Rossi, Uni. of Padova, Italy  
 Prof. Yael Perlman, Bar-Ilan Uni., Israel  
 Prof. Marcello Sanguineti, Uni. of Genova, Italy  
 Prof. Majid Sarvi, Uni of Melbourne, Australia  
 Prof. Jan-Dirk Schmöcker, Kyoto Uni., Japan  
 Prof. Anna Sciomachen, Uni. of Genova, Italy  
 Dr. Mali Sher, H.I.T., Israel  
 Prof. Yoram Shiftan, Technion, Israel  
 Dr. Liora Shmueli, Bar-Ilan Uni., Israel  
 Prof. Haim Shnaiderman, Bar-Ilan Uni., Israel  
 Dr. Matan Shnaiderman, Bar-Ilan Uni., Israel  
 Prof. Orna Tal, Bar-Ilan Uni., Israel  
 Prof. Avi Tillman, Bar-Ilan Uni., Israel  
 Prof. Tomer Toledo, Technion, Israel  
 Prof. Kazuya Tomiyama, Kitami Inst. of Techno. Japan  
 Dr. Dimitry Tzadikovich, Bar-Ilan Uni., Israel  
 Prof. Avinash Unnikrishnan, The UAB, Alabama, USA  
 Prof. Nobuhiro Uno, Kyoto Uni., Japan  
 Dr. Michael Vaknin, Bar-Ilan Uni., Israel  
 Dr. Guy Wachtel, Ariel University, Israel  
 Dr. Michal Weber, Bar-Ilan Uni, Israel  
 Prof. Sara Westreich, Bar-Ilan Uni., Israel  
 Prof. Doug Wilson, Uni. of Auckland, NZ  
 Prof. Nigel Wilson, MIT, USA  
 Dr. Shuki Wolfus, Bar-Ilan Uni., Israel,  
 Prof. Eyal Yaniv, Bar-Ilan Uni., Israel  
 Prof. Jacek Zak, Poznan Uni. of Technology, Poland