



## Piotr Kisielewski

**Academic degrees : doctor habilitatus in Engineering**

**Position : Professor of CUT**

**Engineering - technical field**

**Discipline Civil engineering and transport**

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### **Academic qualifications:**

Associate professor at the Department of Logistic Systems, Faculty of Mechanical Engineering at the Cracow University of Technology

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### **Membership in professional and academic boards :**

He is a board member of the Polish Society for Computer Simulation, the Association of Transport Engineers and Technicians, the Polish Association of Safety Management Engineers and Technicians, the Association of Polish Mechanical Engineers, the British Alumni Society.

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### **Academic merits :**

His achievements include 1 monograph, 53 publications, 71 papers presented at national and international conferences; over 120 implemented design works. He is a co-author of 24 research projects. He reviewed scientific articles for the editors of scientific journals and scientific committees of international conferences. As a transport specialist since 2017, he is a member of the Editorial Advisory Group at Cambridge Scholars Publishing, a reviewer of Springer: Public Transport - Planning and Operations. He combines scientific work with engineering practice as the author and co-author of implemented logistics projects and ITS in railways and public transport in Poland and abroad, among others in Germany, Spain, Israel, the Czech Republic, Bulgaria, Serbia, Croatia, Slovenia, Romania, Finland, Kazakhstan, Malaysia and Hungary. Currently, he manages 2 research projects financed by the National Center for Research and Development - "Selected problems of optimal management of rolling stock operation and the operation of traction teams "and" IT system of computer-aided public transport planning ". Three universities and an industrial group are involved in their implementation. In 1985 he received the award of the Minister of Communication. He was repeatedly awarded the Rector of PK for educational and scientific achievements. In 2010, he was awarded the Golden Badge and the Pioneer of the XXX Anniversary of the Polish Association of Safety Management Engineers and Technicians for his activities in the field of development of wireless systems in security. In 2013, he received the Honorary Badge of the Cracow University of Technology.

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### **Professional qualifications/language skills**

Since 1996, he has been working as a designer and expert in the field of passenger transport management systems, safety management and technical property protection. He is fluent in English (Cambridge Certificate of Proficiency) and Russian.

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### **Research field :**

Since 1995, he has been involved in transport logistics, especially the problems of public transport and rail transport: modeling of multimodal passenger transport networks; planning and optimization of public transit, timetables, crew rostering, vehicle and crew scheduling, computer aided planning and disposition of a large fleet of vehicles. Recently, he has focused on the use of advanced optimization methods, mainly metaheuristic, to solve the problems of passenger transport logistics.

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### **Useful links :**

<http://m8.mech.pk.edu.pl/index.php/pl/93-pracownicy/149-kisielewski-piotr>