

Dr Jezdimir (Mirce) KNEZEVIC



Mirce's obsession with cars and motosport started at childhood and culminated in 1974 when he built Zastava 750 by hand, using parts obtained from scrap yards, in a neighbour's garden. The following year he started rallying that car and in 1976 he earned one point in the Yugoslav National Rally Championship, while experiencing the physical reality of machines.

After obtaining Bachelor, Master and Doctoral degrees from Faculty of Mechanical Engineering, University of Belgrade, Yugoslavia, his professional journey took him to universities, libraries, institutes, companies and other organisations worldwide, in the quest for non-existing knowledge of science and mathematics, the complexity of which, according to Jack Hessburg (1934-2013), the World's first Chief Mechanic (Boeing 777), required the intellectual effort equal to winning a Nobel Prize!

Both paths converged towards the conceptual creation of Mirce science, at the School of Engineering at Exeter University, where he was a Lecturer and then a Reader in Reliability and Logistics Engineering. In 1988 Dr Knezevic established a self-financing Centre for Management of Industrial Reliability, Cost and Effectiveness, MIRCE, at Exeter University. The work done by the Centre was enthusiastically supported by the global aerospace and defence industries.

In 1991, Dr Knezevic developed and directed the UK first Master of Science Degree in Logistics Engineering, at Exeter University. This was followed by the UK first Master Programme in Reliability and Maintainability Engineering, in 1996, and finally, in 1997 the UK first Master Programme in System Operational Effectiveness. Through these programmes he has directed and supervised over 250 postgraduate students, holding senior positions in leading global, business and public, organisations.

By its 10th Birthday, the MIRCE Centre has developed and delivered over 100 vocational courses and 12 international summer schools for practitioners from industry. Under Dr Knezevic's leadership, the Centre has attracted over 3000 professional engineers and managers and generated an income in excess of 3 million US dollars.

By 1999 Dr Knezevic realised that the development, dissemination and application of Mirce science required his total commitment. Consequently, he decided to resign from the University of Exeter and founded the Mirce Science Ltd. at the Woodbury Park, Exeter, UK. Educational and training activities in Mirce science were delivered by its division, the MIRCE Akademy. Under his leadership Mirce science became recognised theory for the prediction of the motion of machines through working processes, compelled by mechanisms of imposing natural & human actions. Measurable quantities of motion are calculated by Mirce Functionability Equation in accordance to axioms, formulas, algorithms and computational methods, well before they became statistics. The MIRCE Akademy has educated thousands of professionals coming from Industry, Government and Military Organisations world-wide. Some of them have received internationally recognised Master or Doctoral Diplomas.

As the COVID-19 has totally changed the nature of the global industrial education and training practices, Dr Knezevic dissolved Mirce Science Ltd. in June 2025. Today, Mirce Science Akademy is his personal endeavour towards creation of machines that will satisfy human needs throughout existing in-service reality. It is located in his XVI century built thatched cottage in tranquil village of Bickleigh, near Exeter, UK.

For professional achievements of Dr Knezevic, please look at [JK-Professional Achievements](#).

For his teaching style go to: <https://reliabilityweb.com/en/reliability-tv/reliability-for>

For the answers to the most common question regarding Mirce Science look at: <http://www.mirceakademy.com/uploads/Jezdimir%20Knezevic-Reliabilityweb.pdf>

<https://reliabilitymarketplace.com/products/the-uptime-bookazine>



50 years of research summarised in 10 questions