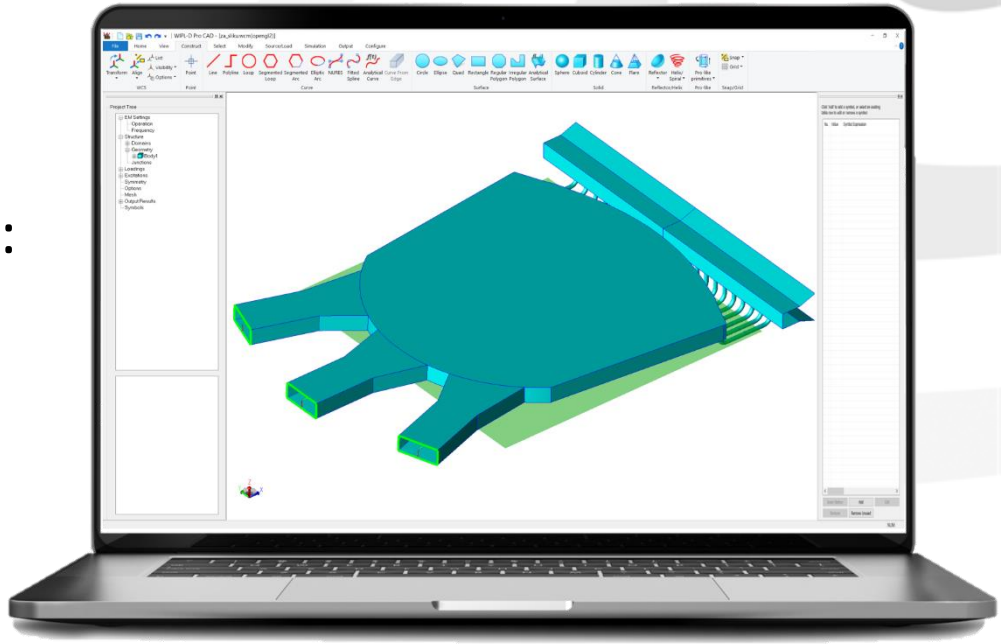
Full 3D EM Simulation Software & Consulting Services

Company info

WIPL-D d.o.o. is a privately-owned company dedicated to:

- development of commercial EM software and
- consulting in the wide field of electromagnetism



Established in **2002** in Belgrade, Serbia

- First lite version (WIPL) sold in 1995 via Artech House
- First professional version sold in 1996

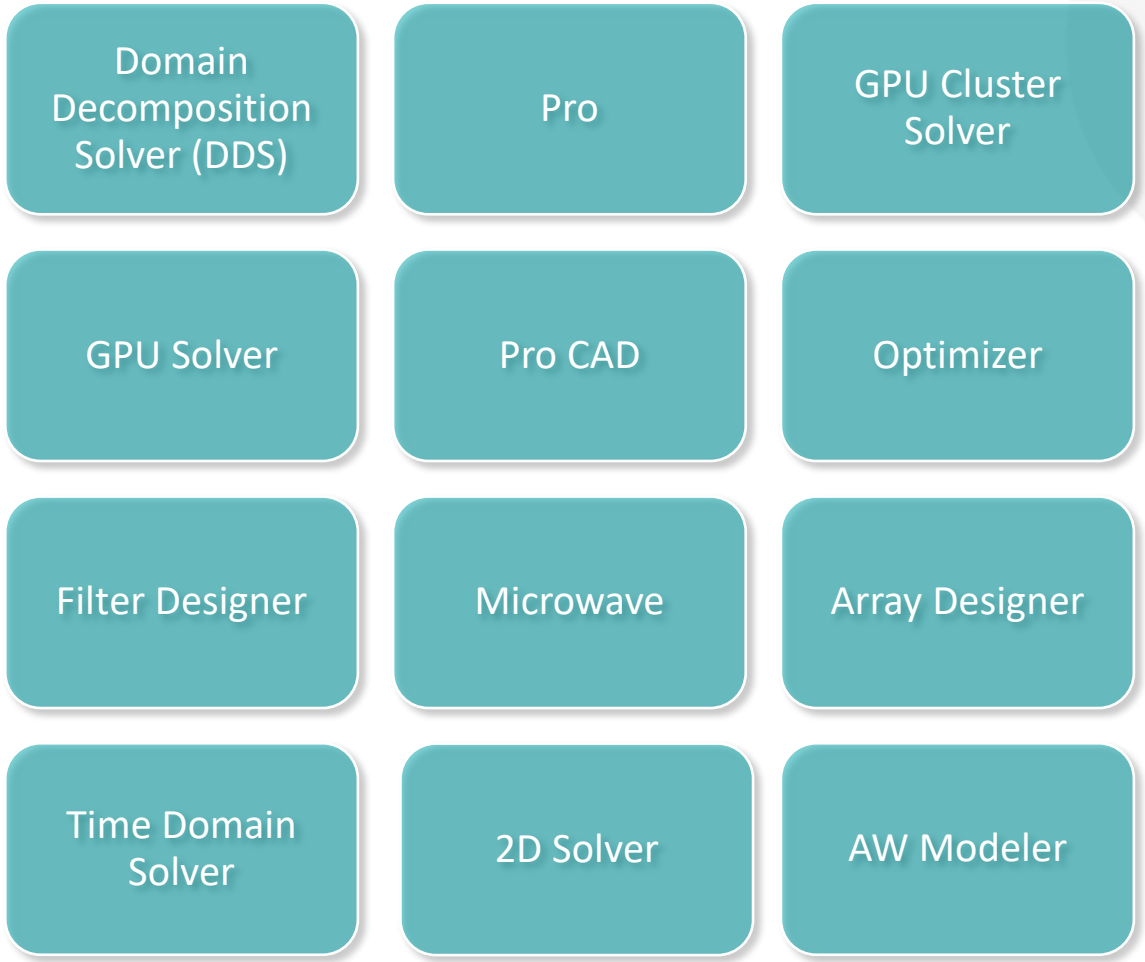
WIPL-D Team

- 15 full-time employees (PhDs and MScs in Electrical Engineering)

- Close collaboration with Microwave Group from School of Electrical Engineering, University of Belgrade

- CEO and chief solver architect
  - Prof. Dr. Branko Kolundzija, IEEE Fellow
  - BSc. 1981 / MSc. 1987 / PhD. 1990
  - Full-time professor at the School of Electrical Engineering, University of Belgrade

Product portfolio – software suite

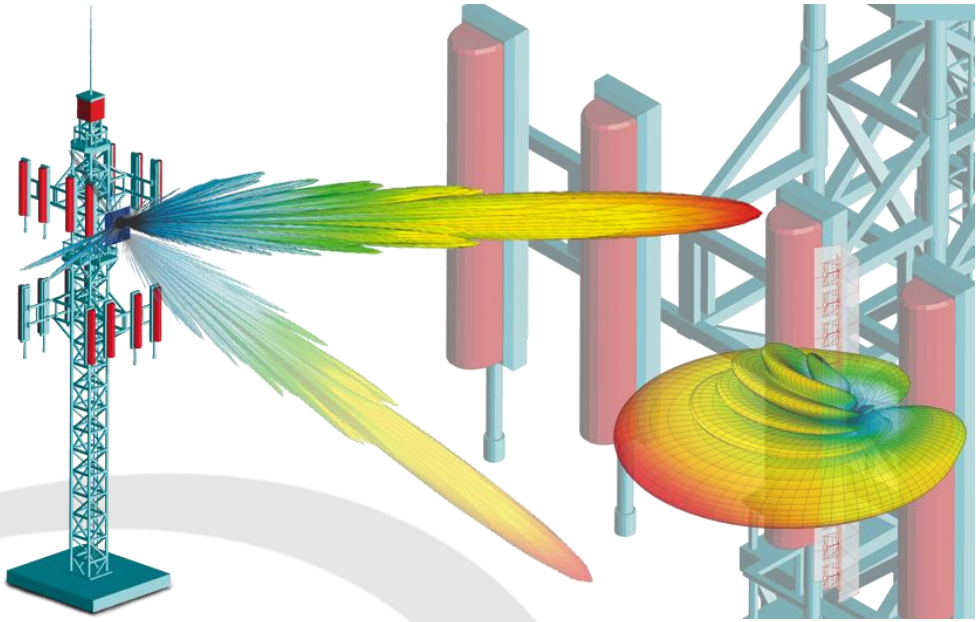


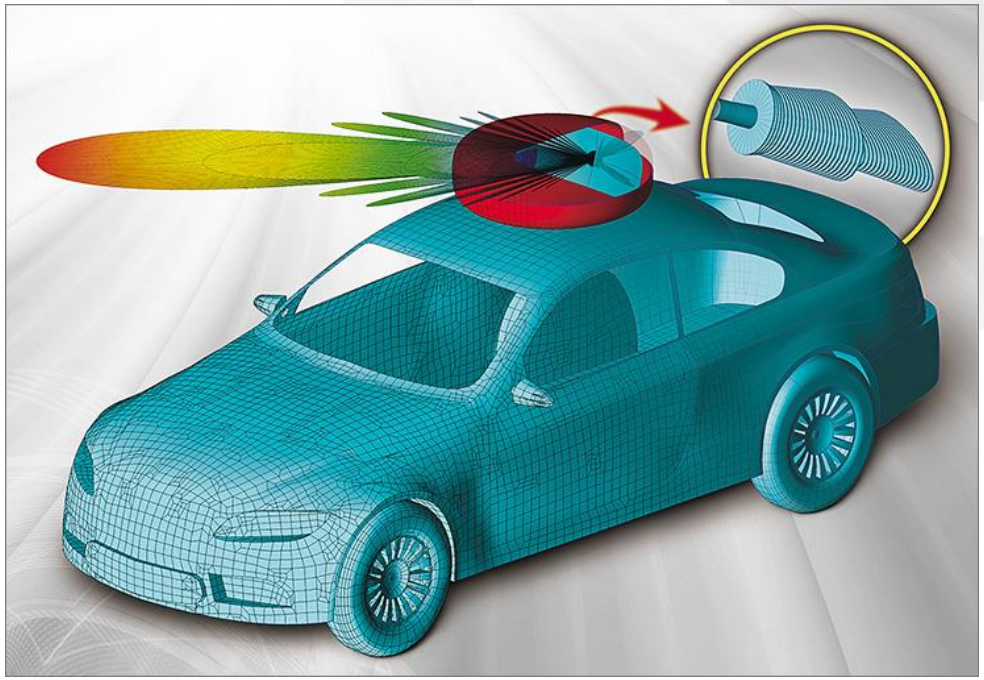
WIPL-D core products, WIPL-D Pro and WIPL-D Pro CAD, and the add-ons built around them to expand the range of application and capabilities

Flagship products: WIPL-D Pro & WIPL-D Pro CAD

WIPL-D Pro

- An extremely powerful 3D electromagnetic solver that provides fast and accurate analysis of arbitrary metallic and dielectric/magnetic structures
- The numerical engine is based on the Method of Moments applied to surface integral equations employing higher-order basis functions and a quadrilateral mesh

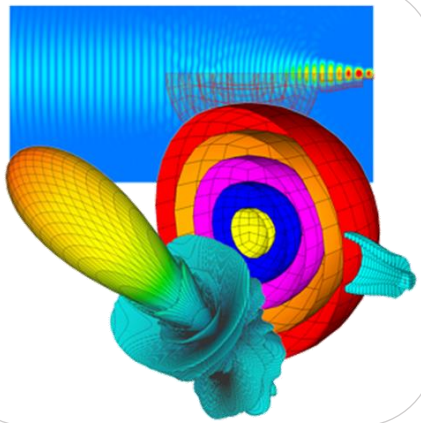




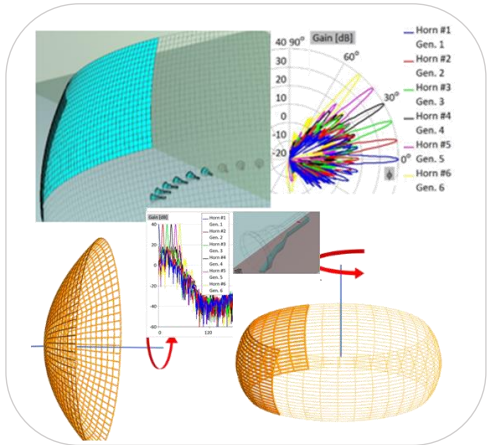
WIPL-D Pro CAD

- Fast solid-based model creation and manipulation for wide range of EM applications
- Import of various CAD formats along with fully automated quadrilateral mesh

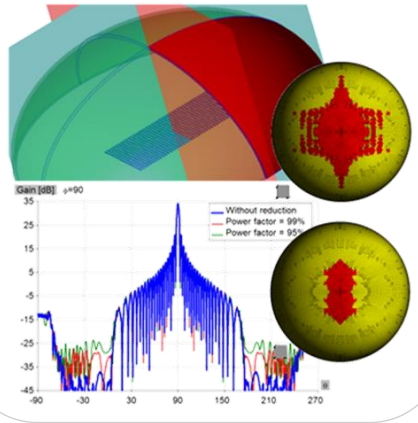
Different applications & custom-made solutions



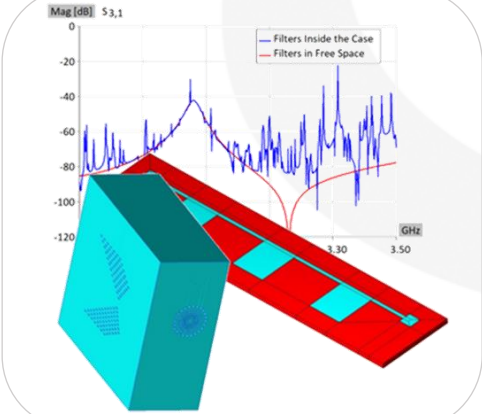
Antenna Design



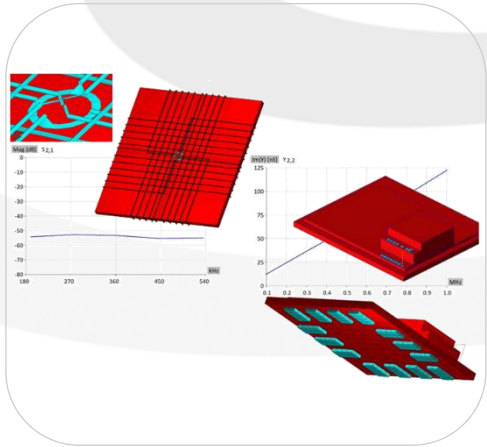
Reflector Antennas



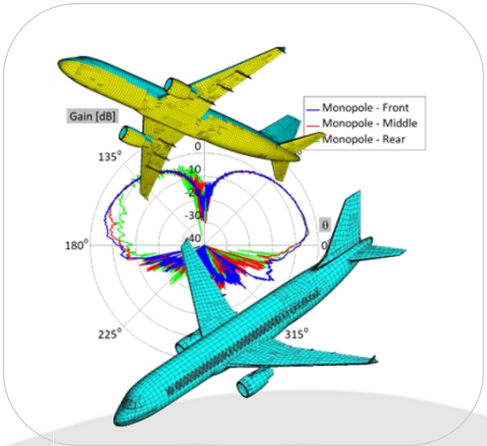
Arrays & Radomes



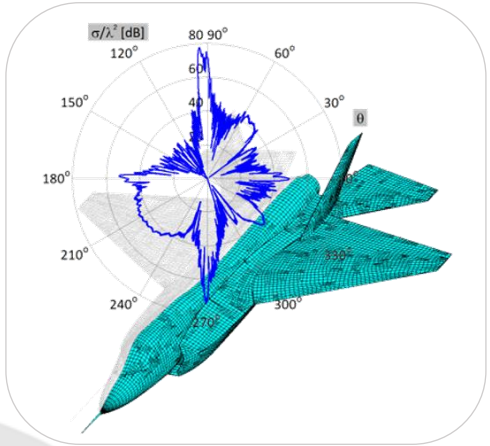
EMC



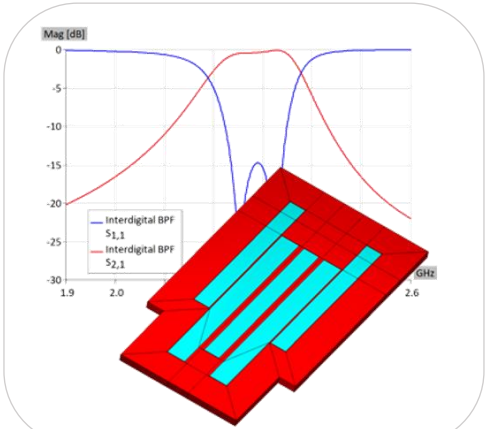
Low Frequency



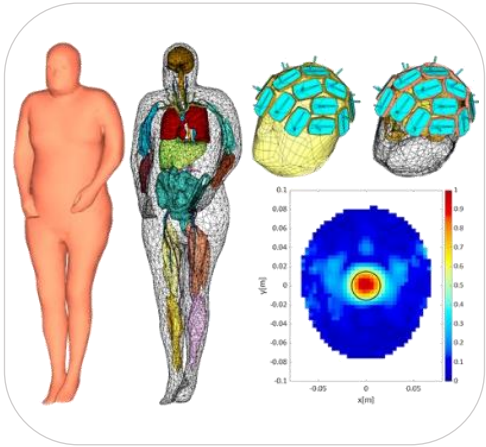
Antenna Placement



RCS / Scattering



Microwave Circuits



Biomedical

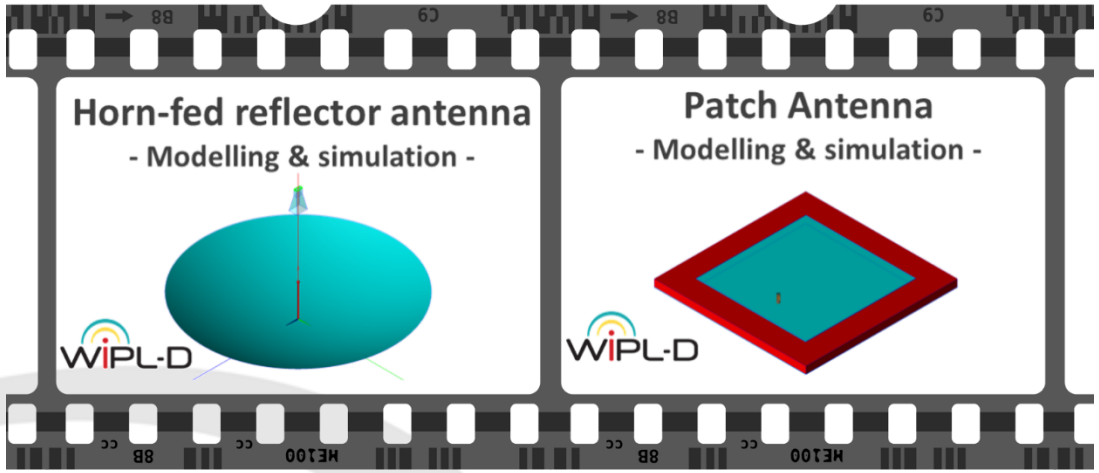
& many more…

Free Demo & Appropriate Learning Materials

DEMO

- Free 30-day trial
- Fully functional GUI with limited computing power (number of unknowns, size of the problem that can be solved)
- Possible upgrade to evaluation license (fully-functional version)

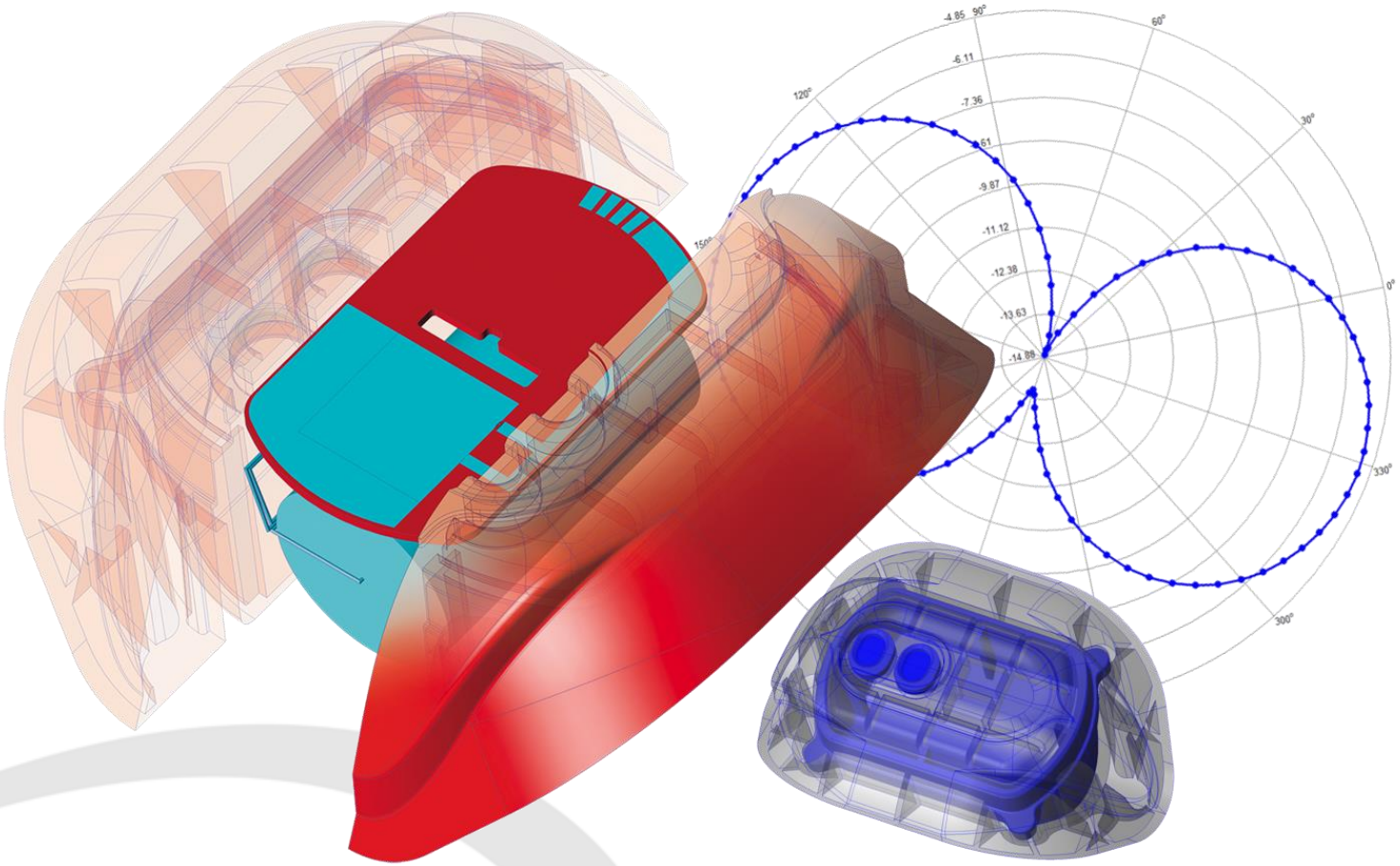
Video Tutorials



Concise & informative learning materials

- Step-by-step pdf tasks (Intro and Evaluation course)
- Easy-to-follow YouTube video tutorials
- Unlimited tech support
- On-demand benchmark examples

Prompt technical support …
…within a one working day!



Expert consulting
to move
your business
forward!

WIPL-D

Global Representative Network

HQ - Serbia

- WIPL-D d.o.o. – Gandijeva 7 apt 32, Belgrade, Serbia

United States of America and Canada

- WIPL-D (USA), LLC - West Hartford, CT, USA
- ALFORD Microwave Design Consultants, LLC - Somerset, NJ, USA

Germany, Austria and Switzerland

- IRK Dresden - Mohorn, Germany

Spain

- Ontario Soluciones Sl. - Madrid, Spain

Italy

- Microelit SpA - Milano, Italy

South Korea

- Moasoft - Seoul, Korea

Japan

- WIPL-D (Japan), Inc - Koshigaya, Saitama, Japan

China

- Cloud-Promise Information Science & Technology Co., Ltd – Shanghai, China

India

- Electrosoft Consultants - Kharagpur, India
- ARF Design Pvt Ltd - Bangalore, India

Partners

Cadence AWR Software, USA

- WIPL-D d.o.o. has partnered up with CADENCE AWR (formerly NI AWR) in 2016 as OEM supplying the proprietary EM numerical solver for automated antenna design, synthesis, and optimization software AntSyn™

Innovation Fund, Serbia

- Innovation Fund, as a part of Collaborative Grant Scheme for R&D Organizations and Private Sector Enterprises, awarded WIPL-D company with grants for the following projects:
  - Project ID 50014: “New Generation of Electromagnetic Modeling Simulation Tools“
  - Project ID 50206: “Smart 3D EM Simulation Environment for IoT and 5G“

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FOND ZA INOVACIONU DELATNOST

University Program - global

- Tailored to best fit academic need, this program allows both, teachers and students worldwide to use the software for free for educational purposes
- Commercial usage of the software available for reduced rate

Users – partial list

Aerial Oy, Finland

Arizona State University, USA

ASTRON, The Netherlands

Instituto de Telecomunicações, Portugal

KVH Industries, Inc., USA

National Severe Storms Lab/NOAA, USA

Bell Helicopter, USA

Berkeley, University of California, USA

CIAS Elettronica srl, Italy

Raman Research Institute, India

Skolkovo Institute of Science and Technology, Russia

SRC, Inc., USA

Comrod AS, Norway

Cooper Antennas Ltd, UK

University of California, Irvine - Department of Physics and Astronomy, USA

Tantrayut Telecommunications Pvt Ltd, India

Technical University of Denmark – Department of Electrical Engineering, Denmark

Topcon Positioning Systems Moscow, Russia

Concordia University - Department of Electrical and Computer Engineering (ECE), Canada

Georgia Tech School of Electrical and Computer Engineering, USA

Indra Navia AS, Norway

Trival antene d.o.o., Slovenia

Thank you for your attention.

For more info, please visit:

www.wipl-d.com