

MEASUREMENTS



FR3 to come.
DASY8 Module APD V2.0
Ready for FR3

SPEAG is ahead of an emerging industry and regulatory need, with compliance testing of [absorbed power density \(APD\) exposure](#) for devices operating in frequency range 3 (10 – 24 GHz) already in place, and an improved version for testing incident power density to be released next month.

KATJA POKOVIĆ RESEARCH FUND

The call for the 2026 Katja Poković Research Fellowship is now open! Outstanding **female** scientists and engineers are sought to join IT'IS in Zurich for Ph.D., post-doctoral, or visiting-scientist research in the fields of electromagnetics, dosimetry, and bioelectromagnetics. **Applications will be accepted until April 30 2026, 23:59hrs Swiss local time.** More more information is available on the [IT'IS website](#).



IT'IS USA

Congratulations to Dr. Esra Neufeld – Head of the Computational Life and Health Sciences team at IT'IS – who joined the board of [The Foundation for Research on Information Technologies in Society USA, Inc. \(IT'IS USA\)](#) as a new member in February!



TEMPORAL INTERFERENCE

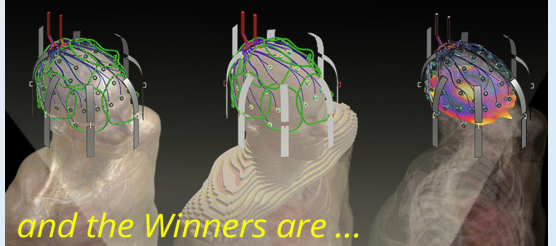
TIBS-R MRI Filter Solution Successfully Installed



A milestone for TI research: the IT'IS team has successfully installed [3.0 T and 7.0 T Filter Solutions](#) in two leading research laboratories, enabling functional magnetic resonance imaging to be performed concurrently during temporal interference stimulation with TI Solutions' TIBS-R device.

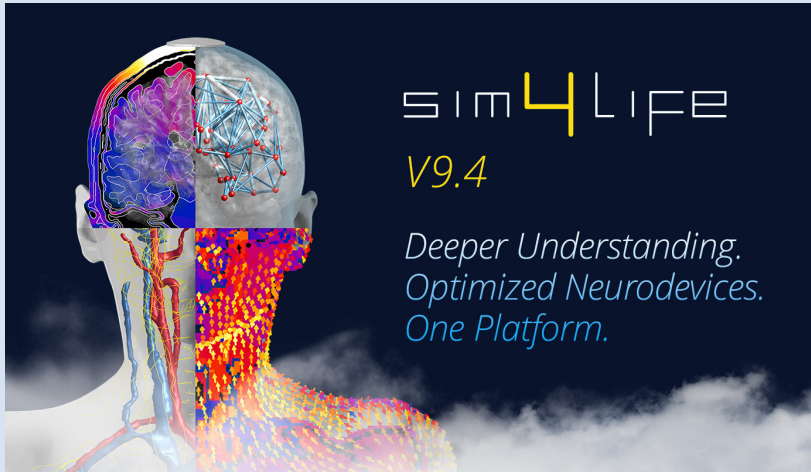
EDUCATION

Sim4Life Student Competition 2025



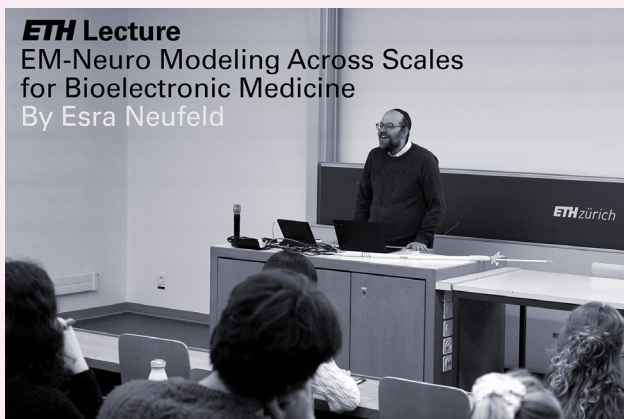
Meet the winners of the [Sim4Life Student Competition 2025](#): Elizaveta Shegurova (EPFL, 1st prize, USD 3,000), Paul S. Jacobs (UPenn, 2nd prize, USD 2,000), and Robin Wydaeghe (Ghent University, 3rd prize, USD 1,000). The winning projects illustrate how students are using Sim4Life to address diverse and challenging problems in bioelectromagnetics and medical technology. Congratulations to all awardees!

SIMULATIONS



The latest release of Sim4Life features enhanced stability, performance, and workflow quality for complex *in silico* neurostimulation studies. Recent IT'IS projects with a focus on personalized transcranial pulsed current stimulation and vagus nerve stimulation modeling highlight the capabilities behind V9.4 – which combines anatomical head models, neuron-level response analysis, thermal modeling, multi-objective optimization, and more – to better understand mechanisms, guide device design, and generate safety evidence. Learn more about [Sim4Life V9.4](#).

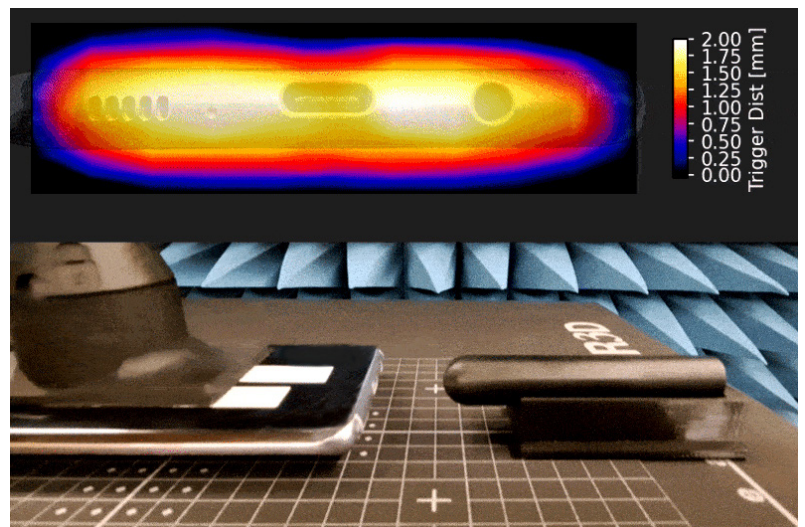
EDUCATION



IT'IS is excited to offer its research expertise in neuro-modeling acquired over the past two decades to students and postdoctoral researchers as part of the new lecture series, “EM-Neuro Modeling Across Scales for Bioelectronic Medicine”, taught by Esra Neufeld at the ETH Zurich in the [spring semester course](#). The lecture also provides hands-on training on the use of the [o²S²PARC](#) and [Sim4Life](#) platforms.

MEASUREMENTS

DASY8 Module SENS V2.0



The release of [DASY8 Module SENS V2.0](#) unlocks unprecedented flexibility and automation for characterization of proximity sensors, supporting evaluation from approaching the torso to the fingers and to custom phantoms.

Z43 SOCIAL

Z43 Retreat 2026

At the end of January, Z43 colleagues swapped their desks for Mount Pilatus for the [annual retreat](#), this year on “The Road to a More Brainy Z43 – Rewiring Focus to Combat Distraction”. Participants explored how neuroscience, attention, and technology can guide practices to boost focus and effective collaboration across our organization. Thanks to everyone for two productive days!

