**Summer School 2025**
**Advanced Measurement Methods with Smart Sensing Using Machine Learning**
July 5 – July 14, 2025 | Gdańsk University of Technology, Poland

Join an intensive, interdisciplinary summer program designed to empower your research and technical skills through **advanced measurement techniques and cutting-edge machine learning applications.** Engage directly with experts from academia and industry who will guide you through practical, hands-on sessions and theoretical foundations essential for contemporary scientific investigations.

The course grants participants **6 ECTS or 3 US graduate credits**, transferable toward graduate programs, enhancing both your academic and professional credentials. This unique international learning experience will enable you to explore innovative ways to address complex research questions, interpret challenging datasets, and effectively communicate results.

Open to Ph.D. students, postdoctoral researchers, and advanced undergraduate **students from physics, chemistry, engineering, environmental sciences, and related STEM fields.** Candidates should demonstrate a commitment to expanding their research toolkit with machine learning methodologies and advanced experimental practices.

**Applicants** are required to **submit** a recent **CV** highlighting their relevant experience, a reference letter, a **concise half-page statement explaining** their motivation and how the summer school aligns with their goals, and **evidence of MATLAB proficiency** through completion of the free online MATLAB Onramp course. Additionally, applicants are required to submit to the TAMUCC Study Abroad Office a Study Abroad Application, Internal Records Release form, and Unofficial Transcripts.

****Applications including CV, reference letter, and statement of purpose must be submitted by **March 31, 2025**, at: [**CV, reference and statement link**](https://forms.pg.edu.pl/01JNGVG8XBR5HQJ5GP1Q7T7176)

MATLAB proficiency certification is required by **April 15, 2025**. A free, self-paced MATLAB Onramp course: [**Matlab course link**](https://matlabacademy.mathworks.com/details/matlab-onramp/gettingstarted). **Complete your application** by **attaching the PDF certificate** verifying completion of the MATLAB self-paced course through our dedicated online platform: [**MATLAB certification submission link**](https://forms.pg.edu.pl/01JN4CEWVM06G0MKDGPF8BHEGC).

**The estimated program costs** for TAMUCC participants **are $1420.** TAMUCC participants **should also budget approximately $3600,** covering subsidized accommodation at the Gdańsk Tech student hotel and meals at campus cafeterias, round trip travel, tuition, food. **No initial application fee is necessary.**

For more details and inquiries, please contact Dr. Darek Bogucki at **Darek.Bogucki@tamucc.edu** or Dr. Ryszard Barczyński at **jbarcz@pg.edu.pl**.

Take this exceptional opportunity to expand your horizons, collaborate internationally, and advance your career prospects in an exciting, vibrant academic environment.

We look forward to welcoming you to an unforgettable summer in Gdańsk!