NATIONAL
INFORMATION
PROCESSING
INSTITUTE

LAB
ORA
TORY
OF APPLIED
ARTIFICIAL
INTELLIGENCE

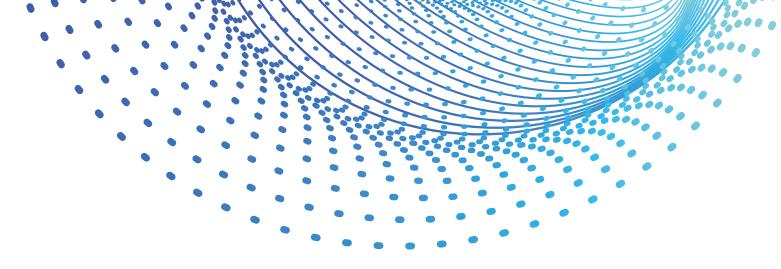**THE NATIONAL INFORMATION PROCESSING INSTITUTE (OPI PIB)**
is an interdisciplinary scientific institute and a leader in IT systems and software development for Polish science and higher education. We develop intelligent information systems, both for the public sector and for commercial use. We conduct R&D and undertake application projects that foster the development of science, facilitate the transfer of technologies, and shape Polish scientific policy.

National Information Processing Institute

al. Niepodległości 188 B
00-608 Warsaw
Poland
phone: +48 22 570 14 00
email: opi@opi.org.pl
www.opi.org.pl/en

LABORATORY OF APPLIED ARTIFICIAL INTELLIGENCE

is an organisational unit of the National Information Processing Institute.

We are a dynamically developing team of 30 passionate programmers, analysts, and research and development specialists. We create business systems that support decision-making and facilitate the flow of processes and documents. We also collaborate with medical centres on the application of AI in medical diagnostics.

What do we do?

We focus on the application of artificial intelligence in medicine:

- standardising the obtainment and description of medical data;
- image analysis;
- developing AI models to support clinical diagnostics and decision-making.

We also:

- run projects that connect new technologies and medicine;
- develop the eRADS system, which implements standardised and structured reports on radiology imaging with the use of AI;
- develop e-services for governmental agencies to support them in submitting applications.

'We create systems that support both business and diagnostic processes.'

Piotr Sobecki
Head
of the Laboratory
of Applied Artificial Intelligence

We use these technologies:

Java 11 ORBEON Hibernate Primefaces PostgreSQL MongoDB Angular

JHipster Spring Spring Boot Docker Maven Gradle Jenkins Selenium

Cucumber BDD XForms XSLT Python TensorFlow Keras Scikit Learn XNAT