LAMARR

INSTITUTE FOR
MACHINE LEARNING
AND ARTIFICIAL
INTELLIGENCE

USA DELEGATION TRIP

8th – 12th April, 2024

Part of the
NRW-USA Year

NRW
2023
2024
USA

Program

8th April, 2024

NEW YORK CITY, NY

“Smart Minds meet Smart Machines: AI for Science and the Public Good”

Hosted by *University Alliance (UA) Ruhr* at the German Consulate New York, 871 United Nations Plaza, New York, NY 10017

9th April, 2024

PITTSBURGH, PA

The Lamarr Institute meets Pittsburgh

Tour of the AI ecosystem of Pittsburgh, organized by *The Allegheny Conference on Community Development*:

Carnegie Mellon University (Department of Statistics & Data Science and AI, School of Computer Science, Human and Robot Partners (HARP) Lab), Mill-19 and The ARM Institute

Reception at the Oaklander Hotel, 5130 Bigelow Blvd. Pittsburgh PA 15213

10th April, 2024

PITTSBURGH, PA

Carnegie Mellon University

Scientific Working Sessions: Natural Language Processing, Trustworthy AI, Robotics

University of Pittsburgh

Scientific Working Sessions: Life and Natural Sciences, Hybrid Machine Learning/Smart City Science, Quantum Machine Learning

11th April, 2024

PHILADELPHIA, PA

University of Pennsylvania

Scientific Working Sessions: Natural Language Processing, Robotics

ST. LOUIS, MO

University of Washington in St. Louis

Scientific Working Sessions: Hybrid Machine Learning/Smart City Science

12th April, 2024

ITHACA, NY

Cornell University

Scientific Working Sessions: Life Sciences

NEW YORK CITY, NY

IBM

Research Visit: Quantum Machine Learning

PHILADELPHIA, PA

University of Pennsylvania

Scientific Working Sessions: Natural Language Processing, Robotics

ST. LOUIS, MO

University of Washington in St. Louis

Scientific Working Sessions: Hybrid Machine Learning/Smart City Science

About the Lamarr Institute

The Lamarr Institute is a leading research institution for fundamental and applied research on Machine Learning (ML) and Artificial Intelligence (AI) in Germany that already unites over 40 Principal Investigators and their teams at the four partnering institutions TU Dortmund University, University of Bonn and the Fraunhofer Institutes IAIS and IML.

Its five fundamental research areas and five interdisciplinary application areas are interrelated and address questions on how to integrate data, knowledge and context to build AI solutions which operate in a resource-efficient way and deliver powerful yet robust, explainable, ethically responsible and trustworthy results.

The Delegation

As part of the NRW-USA Year 2023/2024, the Lamarr Institute conducts a delegation visit to the United States of America in April 2024. The Lamarr delegation encompasses various thematic foci, including Life and Natural Sciences, Natural Language Processing, Trustworthy AI, Hybrid Machine Learning, Smart City Science, Robotics and Quantum Machine Learning.

Through networking events and working sessions, Lamarr researchers connect and work together with leading AI experts from the U.S. The goal: Establishing and strengthening substantial scientific cooperation in Artificial Intelligence and Machine Learning and advancing transatlantic relations on forward-thinking technologies.

Work with the Lamarr Institute

Are you or your institution interested in collaborating with us? The Lamarr Institute offers you a wide range of cooperation opportunities, leveraging its far-reaching network of Principal Investigators, Fellows and worldwide partners. Through international visiting researcher programs, like the DAAD’s Postdoc-NeT-AI, and individual research stays, you can also work with us directly on-site at any of our four locations.

Reach out to explore and plan joint research projects on AI!

https://lamarr-institute.org/contact/

The Lamarr Institute is constituted by

technische universität dortmund · Fraunhofer IAIS · UNIVERSITÄT BONN · Fraunhofer IML

and institutionally funded by

Bundesministerium für Bildung und Forschung · Ministerium für Kultur und Wissenschaft des Landes Nordrhein-Westfalen

The Delegates

Prof. Dr.
Lucie Flek
Natural Language Processing

Prof. Dr.
Thomas Liebig
Smart City Science

Prof. Dr.
Emmanuel Müller
Trustworthy AI

Dr.
Mirko Bunse
ML for Astrophysics

Dr.
Moritz Roidl
Deputy Managing Director

Dr.
Amal Saadallah
Explainable ML

Dr.
Ramsés J. Sánchez
Hybrid ML

Dr.
Charles Welch
Natural Language Processing

Dr.
Elena Xerxa
AI in Life Sciences

Jorge de Heuvel
Humanoid Robotics

Julian Eßer
Robotics in Logistics

Raphael Fischer
Resource-aware/ Trustworthy ML

Thore Gerlach
Quantum ML

Matthias Jakobs
Explainable ML

Vahid Sadiri Javadi
Natural Language Processing

Simon Klüttermann
Trustworthy AI

Allison Lahnala
Natural Language Processing

Sascha Mücke
Quantum ML

Ann-Kathrin Oster
Networking/PR

Nicole Piontek
Management Assistance

Jérôme Rutinowski
Trustworthy AI/Robotics in Logistics

Helen Schneider
AI in Life Sciences

Vanessa Toborek
Natural Language Processing

Marvin Wiedemann
Robotics in Logistics