



# Unleashing the Power of Computational Intelligence on the Web

*Session Chairs:*

*Rachel Yager, Gabriella Pasi*

TPAC Sep 13, 2023



**Rachel Yager, Ph.D.**  
**Evangelist & Chapter Head**



**Gabriella Pasi, Ph.D.**  
**Vice-Rector for  
International Relations**

**Speakers  
Introduction**

# Speakers



**Gabriella Pasi**

*Vice-Rector for International Relations at Università degli Studi di Milano-Bicocca*



**Joshua Lochner**

*Open Source Machine Learning Engineer at Hugging Face*



**Adam Sobieski**

*Research Scientist at Phoster Corporation*

# Speakers



**Luigi Troiano**

*Founder of Kebula*

*Former Chair of the Italian  
Chapter (UNINFO CT 533) at  
ISO/IEC JTC 1/SC 42 Artificial  
Intelligence*



**Victoria López**

*Director of the Polytechnic  
School at CUNEF University*

The Computational Intelligence Business Group's main objective is to promote engagement from members of the **Computational Intelligence Research and Development community and the broader ecosystem**, aiming to mold the Web's foundation for **Computational Intelligence as a Service (ClaaS)**. The group serves as a conduit for dialogue, enabling mutual feedback between the ClaaS community and the W3C.

You are invited to support the creation of this group.



**Call for Support**

## Computational Intelligence

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**SUPPORT CREATION**



## Needs, Interests, and Challenges related to CI:

- Researchers
- AI Developers
- Businesses
- Institutions



## Proposed Values and Activities:

- Product demos
- Research Presentations / Re-skilling
- Open Access Implementations and Publications
- Surveys, Interviews, and Virtual meetups.
- **Call for W3C Business Group and Memberships**



# CI Web Community Building Roadmap

## Call for Support

- W3C Business Group Proposal.

August 2023

## Group Charter

- Define Group Goals and Objectives
- W3Chapter Forums

September 2023

## Global Council

- Ecosystem Partnership: University Research Groups, Product R&D, Company Labs

October 2023

## Open Access

- Product Demo
- Implementations
- Publications

November 2023

## Symposium

- Council Meetings
- Group Report
- **NEW YORK Jan 18**

January 2024





# Web Machine Learning Working Group

The mission of the Web Machine Learning Working Group is to develop APIs for enabling efficient machine learning inference in the browser.

- **Web Neural Network API**
  - 30 August 2023 (DRAFT W3C Candidate Recommendations)
  - Dedicated low-level API for neural network inference hardware acceleration.