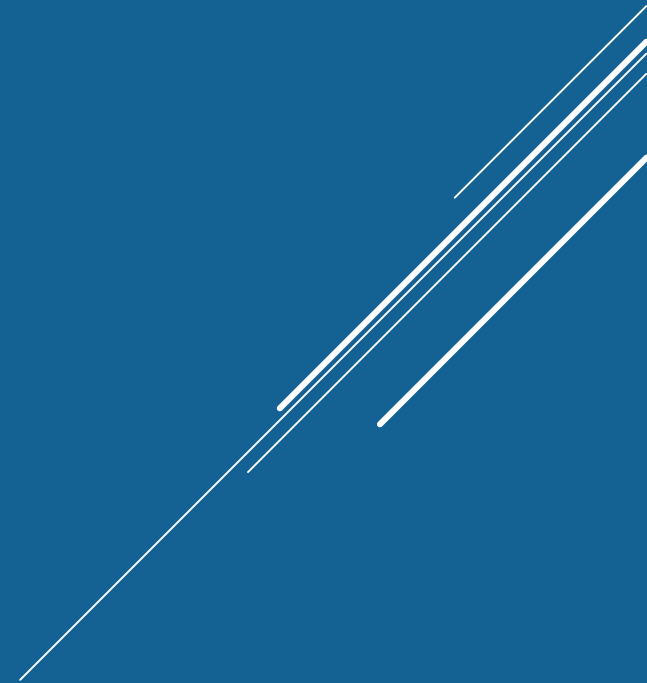# IOTSWC 2019
ARTIFICIAL INTELLIGENCE FORUM

CLOSING REMARKS

Barcelona, October 2019

Wael William Diab, Chair
Edy Liongosari, Chair

AI PROGRAM COMMITTEE

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▶ Wael William Diab

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▶ Terry McElrath

ACKNOWLEDGEMENTS

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- Anna Bratina

- Anna Colomo

- Alejandra Rodríguez

- Miriam Sané

- Sandra Prades

AI Forum Room Hosts

- Julia Triviño

- Daniela Longobardi

AI Forum A/V Technologists

- Isaac González

- Alex Homs

Agenda

Tue

AI 01 – AI and Cognitive Systems Forum Welcome Address

AI 02 – Artificial Intelligence – Making Real Impact on Human Life and the World Around Us

AI 03 – How We Learned to Start Cooking High Quality Bitumen and Love the ML in Petrochemical Industry

AI 26 – How to Make a Mining Excavator See

AI 04 – Tailoring the Factories of the Future

AI 05 – Improving Patients Health with IoT

AI 06 – Artificial Intelligence Industry Ecosystem and Standardization Landscape

AI 07 – Panel: IIC Emerging Initiatives on Industrial Artificial Intelligence

AI 08 – Intelligence as a Product: Bringing Innovation to Field Services with AI

Wed

AI 10 – The Age of Artificial Intelligence: What will the world look like in 10 years?

AI 11 – How Artificial Intelligence can help the fight against climate change

AI 18 - AI and IoT Are Already Making Impact for Business and Society

AI 13 – A Practical Framework and Approach to Responsible AI

AI 14 – Panel: Ethics and Social Responsibilities in Deploying AI

AI 15 – Beyond Machine Learning: Developing Truly Intelligent Systems By Embedding Human Expertise to Digital Twin

AI 16 – Digital Twin in Solar – Enlightening Black Boxes by Providing Condition-based Information

AI 17 – Extending Machine Learning to Industrial IoT Applications at the Edge

AI 12 – Improving Customer Experience through Context: Real Connected Infrastructure Implementations

AI 19 – Machine Learning at the Extreme: Teaching AI to Sail

Thu

AI 20 – Panel: Vision-based cobots as a key enabler for smart factory automation

AI 09 – Enjoying Warehouse Motion Intelligence and New Operational Insights from Wi-Fi technology Smart Data

AI 22 – IoT and AI in Pharma

AI 23 – The Pivotal Role of AI and ML on Marel's Road to Industry 4.0

AI 24 – Panel Discussion: The Future of AI

AI 25 – Closing Remarks

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Industrial AI Applications

AI Industry Ecosystem and Emerging SDO Work

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Artificial Intelligence and Digital Twin

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Consumer-facing AI Applications

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Looking to the Future

CONCLUDING REMARKS

- Great presentations and panels Tue through Thu. Informative workshop Monday

- AI fueling the digital transformation

- AI and its application within IoT is happening *now!*

  - Numerous market estimates for growth and investment cited throughout the week

- Areas of innovation focus discussed include

  - Application of AI within IIoT digitization efforts

    - Application diversity and verticals as numerous and varied as IIoT use cases

  - Insights based on AI enabled analytics fueling investment from a business viewpoint

  - Technological innovations at the hardware and software levels that make AI learning possible and practical

  - AI and IoT will have an impact on business and society

  - Societal and ethical concerns need to be identified and mitigated for broad adoption

  - Ecosystem approach is key and international standardization efforts underway (SC 42)

REQUEST FOR FEEDBACK

Polls

▶ How many of you would like to see next year's program have a larger focus on the application / use case / business side?

▶ How many of you would like to see next year's program have a larger focus on the technical side?

Open feedback

▶ How do you think about AI and what are you seeking?