



Panel

Societal Automation Quo Vadis

Moderator: Richard Zurawski

Panel Members:

- Jörg Gebhardt, ABB Corporate Research, Germany
- Martin Gilje Jaatun, SINTEF Digital, Norway
- Adam Kostrzewa, Technical University of Braunschweig, Germany
- Hervé Rivano, INSALyon, France
- Vincenzo Piuri, University of Milan, Italy
- Jacek Zurada, University of Louisville, USA

Premise:

One of premises is that the rapid evolution of man-made engineering systems heralded some fifteen years ago drawing on the IoT and CPS paradigms never eventuated. The ideas and developments presented at conferences and journals are far from disruptive.

This situation is acutely reflected in the unwillingness of the Venture Capital firms to fund small incremental developments which offer little prospects for major return on investment.

It becomes increasingly clear that lack of the sense of direction and overall plans for the future developments leads to this situation.

Focus:

1) ... nutshell overview of the existing approaches, solutions, and technologies

2) ... potential architectural and technological frameworks based on a "vision" of a specific application context.

Time horizon - a matter of being comfortable with the vision and arising technological challenges.

3) ... technological solutions, and/or technology evolution path, envisaged to bridge the gap between what is available right now and the future needs to fulfill the vision.

Thank you

SOCIETAL
automation

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