Integrating operations and control: a perspective and roadmap for future research

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Highlights

- This white paper is a concise perspective based on a session during FIPSE 3, held in Rhodes, Greece, June 20-23, 2016.
- Its aim is to highlight open problems and directions for future research on the integration of control and operations.
- It discusses such problems on control and optimization of plants with frequent transitions, on the integration of scheduling and control, and on the impact of big data on control and operations.
- Case studies on the design and operation of microgrids are also discussed.