

# CONSTRUCTION RX CONSORTIUM- ROBOTICS & AUTOMATION IN THE BUILDING INDUSTRY

Takenaka Corporation | COT-Lab® Singapore



**Date: Thursday, 23 November 2023, 18:30-21:00**

**Dress Code: Business Casual**

**Venue: One&Co, #11-01 Twenty Anson, 20 Anson Road**

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|-------------|---|
| 18:30-18:45 | Registration  |
| 18:45-18:47 | Opening Remarks / Mr KOJIO (moderator)<br>Introduction of TAKENAKA and COT-Lab® Singapore   |
| 18:47-19:05 | Keynote Speech (online)<br>'ambient transformation robotics' / Prof. Thomas BOCK<br>Global trends of robotisation and automation in the building industry, and challenges in Japan and Singapore  |
| 19:05-19:15 | 'Create' and 'Operate' Buildings, and 'Connect' the Buildings 'to' Cities and Partners / Mr. MURAKAMI Rikuta<br>Communicating our vision through the activities of the Construction RX Consortium   |
| 19:15-19:30 | 'Overview of Construction DX Promoted by TAKENAKA' / Mr. DEGUCHI Akira<br>'Providing Robotic Services in the Buildings' / Mr. ASAI Takahiro<br>Robots and the future of construction sites, buildings and urban development                               |
| 19:30-19:40 | 'Introduction of Construction DX Tools' / Mr. NAGATA Kohei + Mr Samir BENNAFLA (H <sup>3</sup> Dynamics)<br>Case studies of robots, AI applications   |
| 19:40-20:10 | Panel Discussion: Future RX in the Building Industry (AI and IoT applications) /<br>Prof. BOCK (online), Mr MURAKAMI, Mr TABAI (online), Mr TAKAO, Mr Samir BENNAFLA, Mr KOJIO<br>Future robots, AI, AGI, Industry 4.0..... and Construcion RX Consortium |
| 20:10-20:15 | Closing Note / Mr TAKAO   |
| 20:15-20:45 | Networking  |



Prof. Dr.-Ing. Thomas BOCK



Scan me for the bios  
of the speakers



Mr. MURAKAMI Rikuta

Dreams into Reality for a Sustainable Future



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