SC2 and KET-B Brokerage Event

Food Security | Sustainable Agriculture and Forestry | Marine, Maritime and Inland Water Research | Bioeconomy | KET-Biotechnology |
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BioHorizon

Session 3: Food & Natural Resources + KET Biotech

Distributed AI for the Bio-Industry

Fabrice Saffre

VTT Technical Research Centre of Finland Ltd

www.ncp-biohorizon.net
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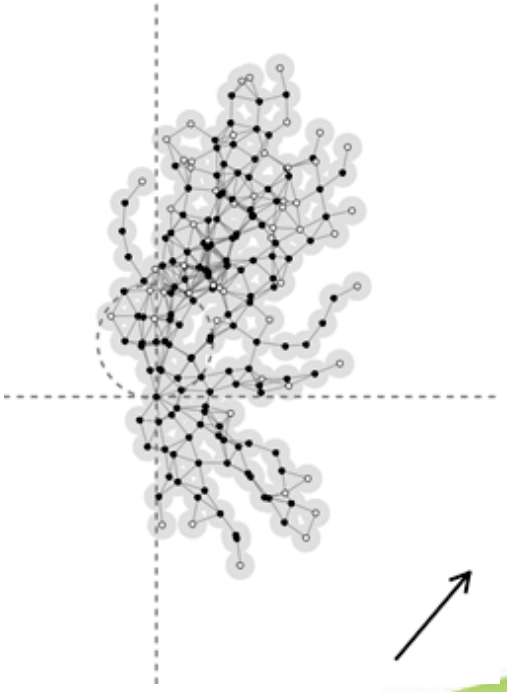
BioHorizon

Distributed AI for the Bio-Industry

VTT

- Distributed AI can facilitate the operation of autonomous devices in environments where central coordination and regular maintenance are impractical
- A possible application is the deployment (and recovery) of self-organising sensor networks for monitoring large, inaccessible and/or dynamic environments
- We are interested in meeting representatives from the bio-industry or government agencies who must deal with such constraints to explore collaboration opportunities



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Expertise

- VTT is a large research organisation with many areas of expertise
- In “data-driven solutions”, we have a long experience in exploiting data to improve operations in sectors as diverse as transportation, healthcare and energy
- Our researchers are familiar with techniques ranging from physics-based simulation and optimisation methods to “deep learning”
- A relevant example of established European collaboration is the Forestry Thematic Exploitation Platform (Forestry TEP)
- Distributed AI is a relatively new topic: now is the time to get a headstart!

Keywords: big data, artificial intelligence, distributed systems

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Contact details

Fabrice Saffre, Ph.D.

Research Professor, Distributed AI

VTT Technical Research Centre of Finland Ltd

(national research organisation)

fabrice.saffre@vtt.fi

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