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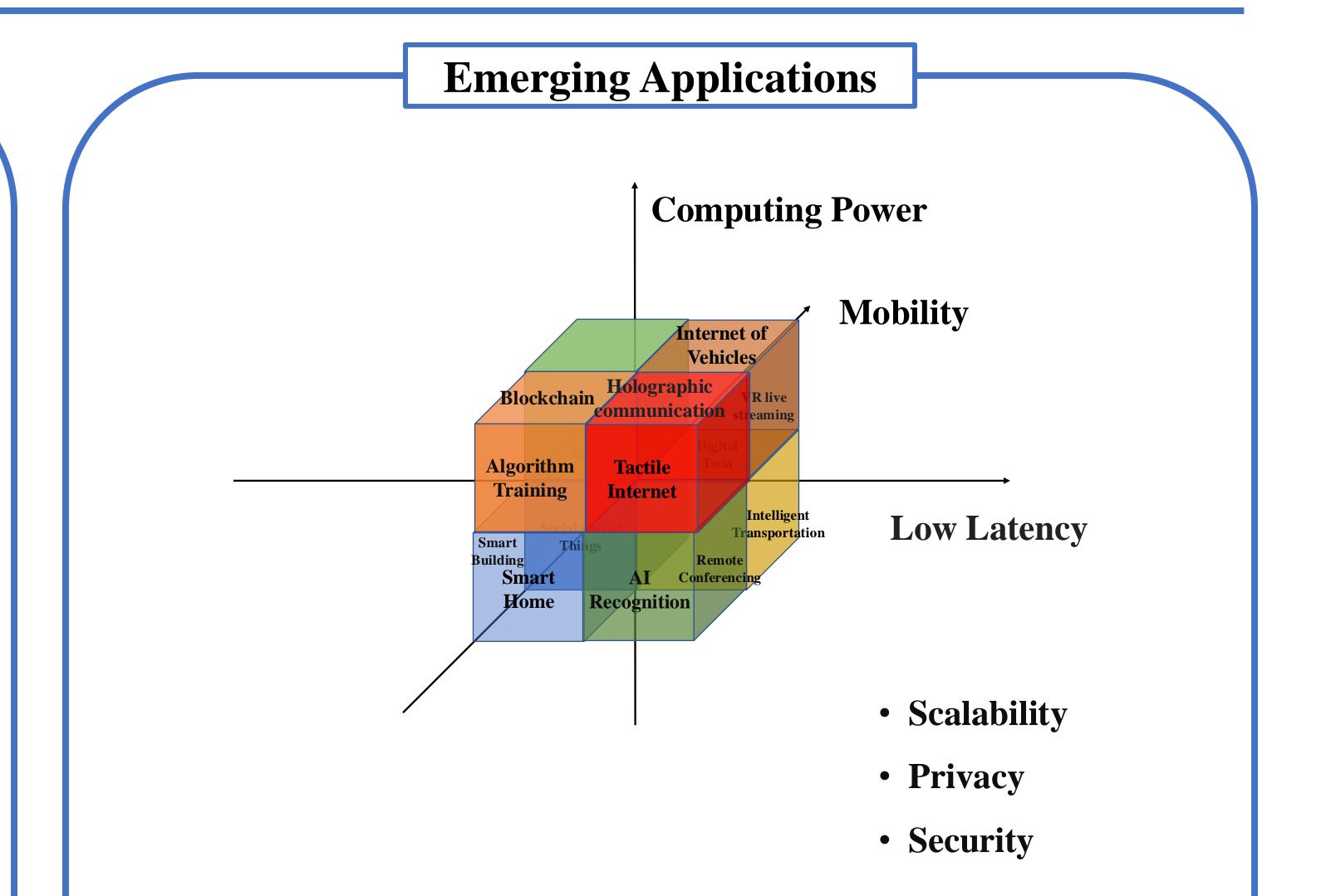
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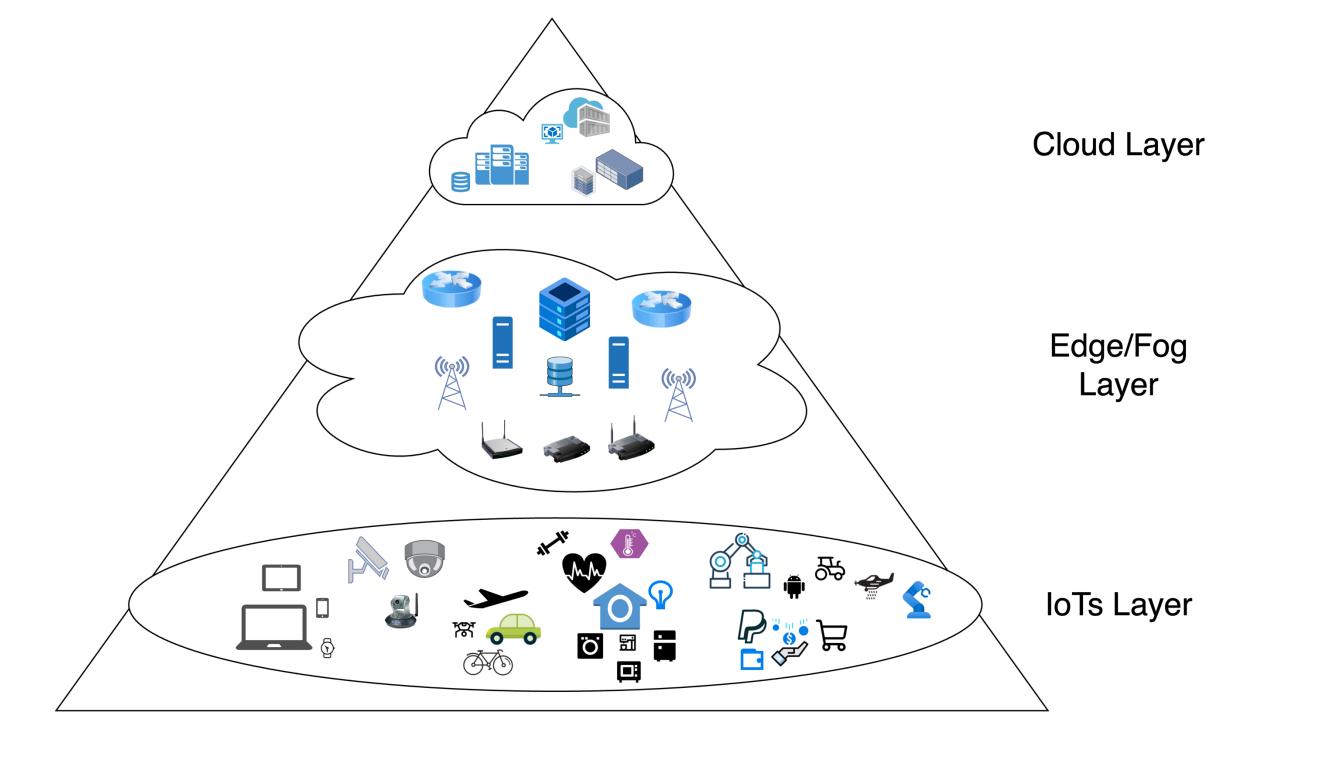
Self-Learning Based Decentralized Resource Management of Cloud Continuum

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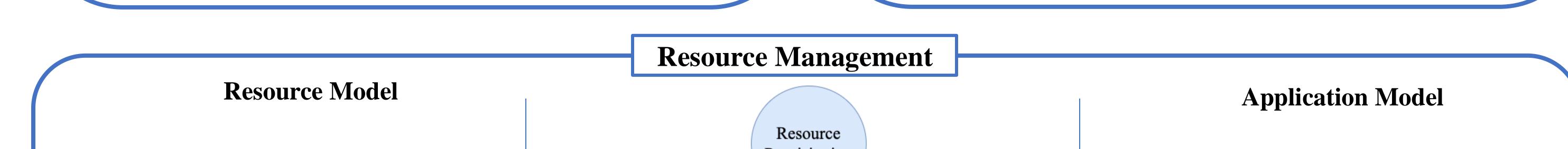
An ecosystem that integrates, organizes, and utilizes computing, storage and network resources across various infrastructures (endpoint devices, edge/fog nodes, cloud data centers, and the networks connecting them) for deploying workloads, rather than relying on a specific infrastructure.

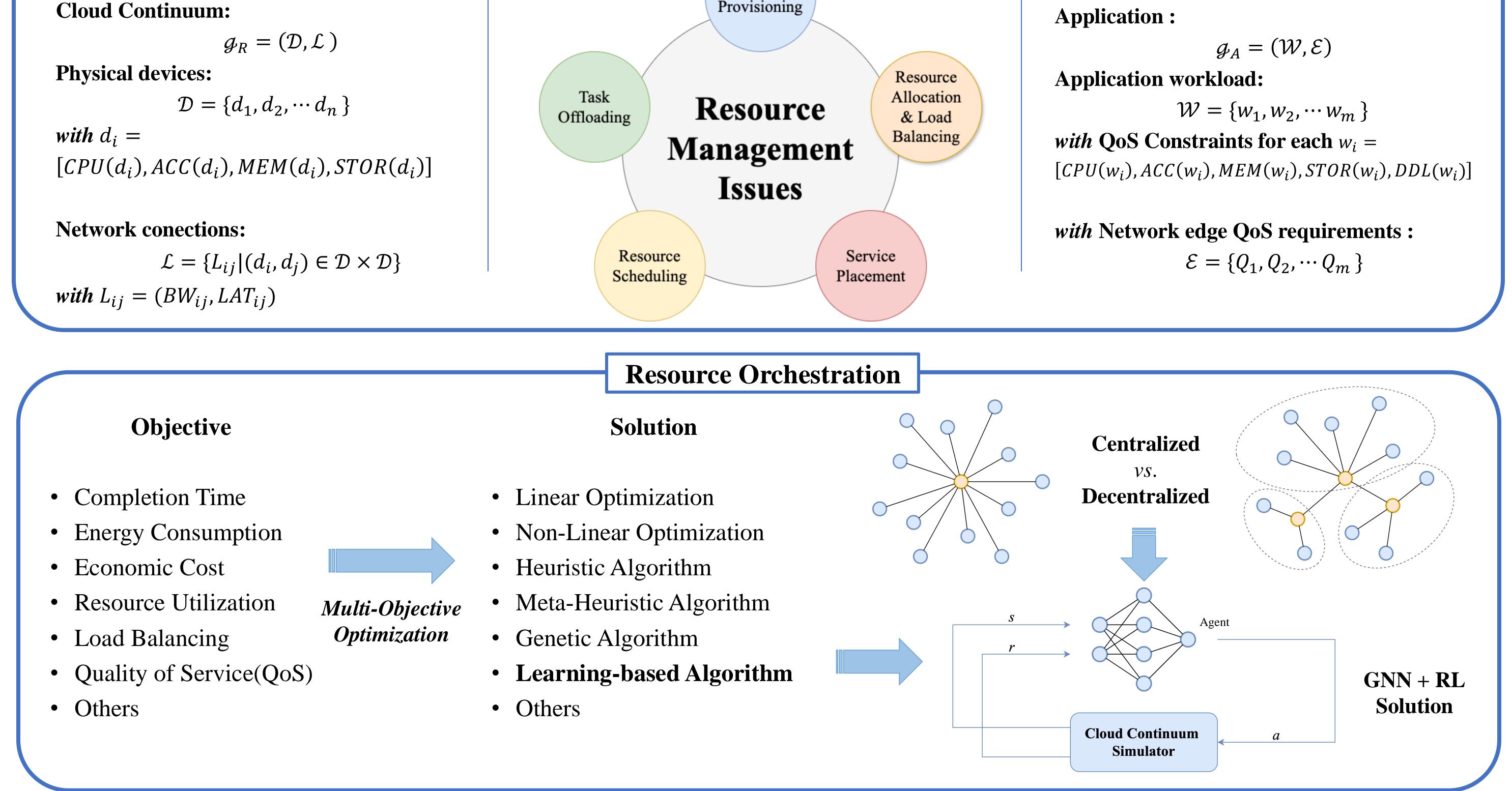




- Geographical Distribution I
- Heterogeneity
- Interoperability
- Dynamic Nature

The rapid growth of IoT devices, data explosion, and the critical requirements of emerging applications have made resource management in the Cloud Continuum a complex issue, presenting diverse challenges across multiple dimensions that cannot be addressed as a single, unified problem.





PUBLICATIONS

L. Li, E. Piccoli, A. Cossu, D. Bacciu and V. Lomonaco, "**Calibration of Continual Learning Models**," 2024 IEEE/CVF Conference on Computer Vision and Pattern Recognition Workshops (CVPRW), Seattle, WA, USA, 2024, pp. 4160-4169, doi: 10.1109/CVPRW63382.2024.00419.

L. Li, E. Donatot, V. Lornonaco and E. Falotico, "**Continual Policy Distillation of Reinforcement Learning-based Controllers for Soft Robotic In-Hand Manipulation**," 2024 IEEE 7th International Conference on Soft Robotics (RoboSoft), San Diego, CA, USA, 2024, pp. 1026-1033, doi: 10.1109/RoboSoft60065.2024.10522027.

MORE INFORMATION Lanpei Li



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