Modern Applications of Agent Technology - Where Mobility and Resources Actually Matter

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The talk gives an insight into current and future research directions in numerical analysis and agent technology. Some of the most challenging and relevant areas of research are concerned with resilience and the design of technologically advanced, specialised assistive devices. The talk will introduce these areas and outline the use of agent technology in the proposed solutions. The practical relevance as well as the social and economic importance are closely linked to the theoretical foundations of agent reasoning with resources and locations.