

**RSCN Joint Webinars Series****“AI in Active and Healthy Ageing”_Patrik Eklund**

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Speaker

Full Name	Patrik Eklund
eMail	pe@fourcomp.com
Bio-sketch (200 words max)	<p>PhD in Mathematics, 1986. Nominated to Professor in Computer Science, 1995. Algebra, logic and topology interests in mathematics. AI, data analysis, decision-support systems, design engineering, health informatics and industrial system-of-systems interests in computer science.</p> <p>https://www.umu.se/en/staff/patrik-eklund/ https://people.cs.umu.se/peklund/</p> <p>Coordination team leader of EIP AHA AG A2 on Falls Prevention.</p>
Abstract	
Title of presentation	AI in Active and Healthy Ageing
The problem	Active and healthy ageing involves a plethora of different modalities of information scopes related with health and social care, and as integrated in care pathways. Topdown views and approaches seldom drill down to detail and operational levels, where individualisation and personalisation require structure enrichment far beyond what is needed on population and health economy levels only.
The rationale	Terminology and ontology come into play, and creates challenges in computing. Numeric and symbolic data need to combine and merge. Information and process views need to become integrated.
The proposed solution	AI and logic techniques for information and process structure development, and related analytics.