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Trade-offs in Computer-aided Biomimetics

Ruben Kruiper

Julian J.F.V. Vincent

Jessica Chen-Burger

Ioannis Konstas

Rupert C. Soar

See next page for additional authors

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Authors

Ruben Kruiper, Julian J.F.V. Vincent, Jessica Chen-Burger, Ioannis Konstas, Rupert C. Soar, and Marc P.Y. Desmulliez



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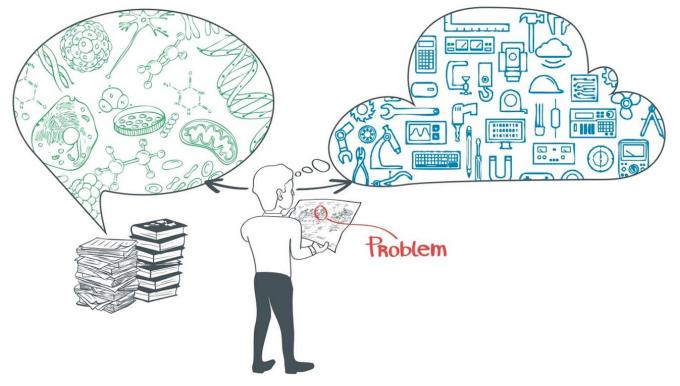
EPSRC CENTRE for Doctoral Training in Embedded Intelligence

Problem

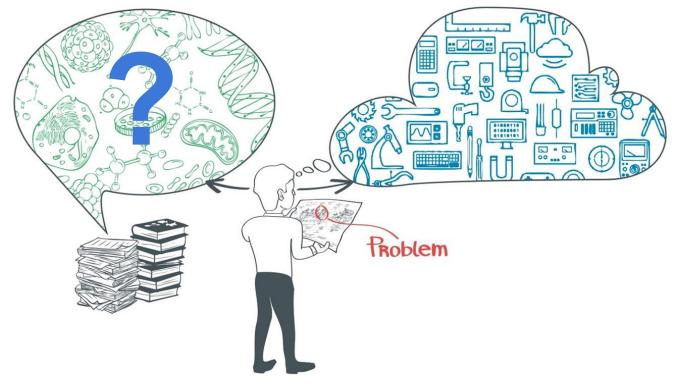


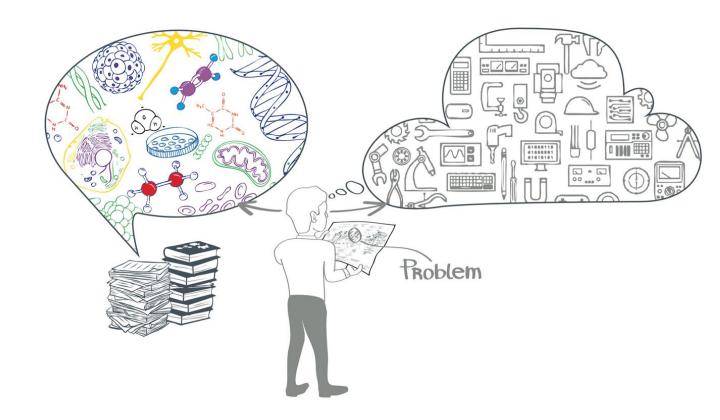
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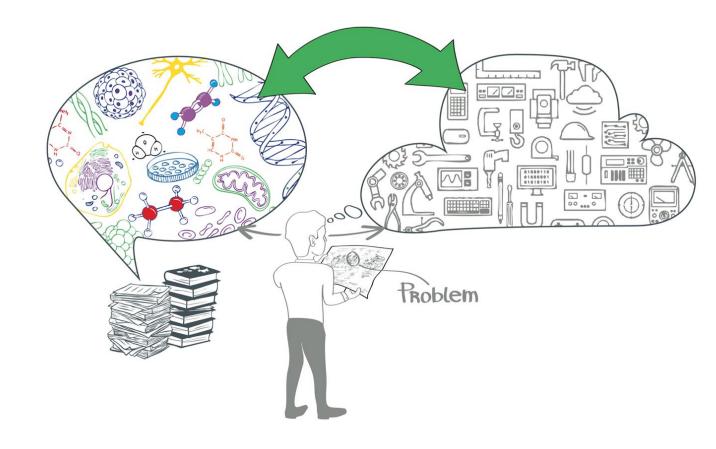
- Hardly ever trained as biologists
- Incorporate more specific properties
- Increase biodiversity of analogies

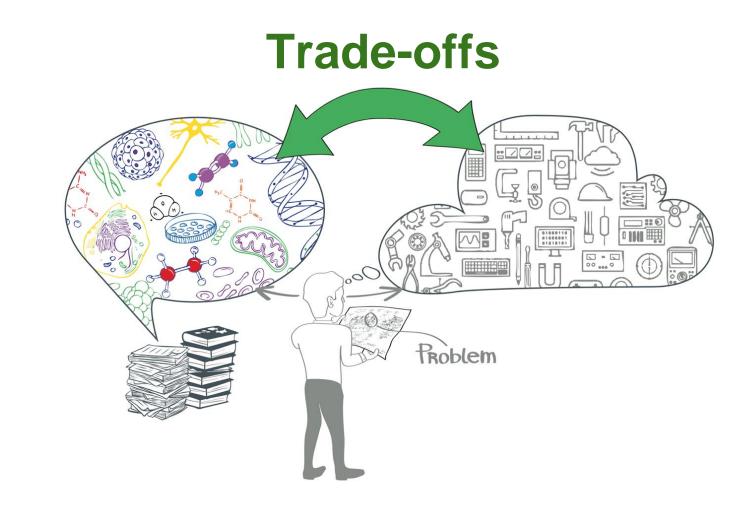


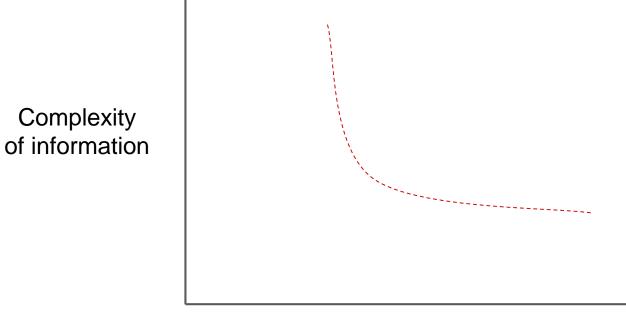
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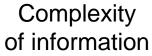


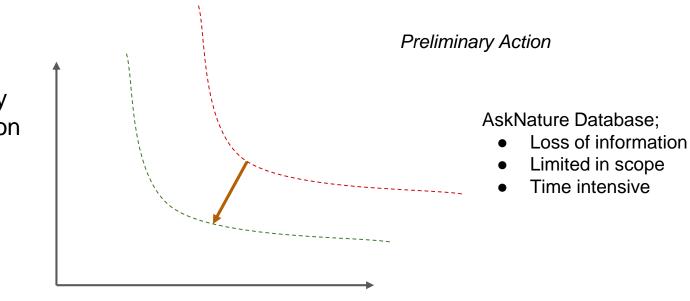




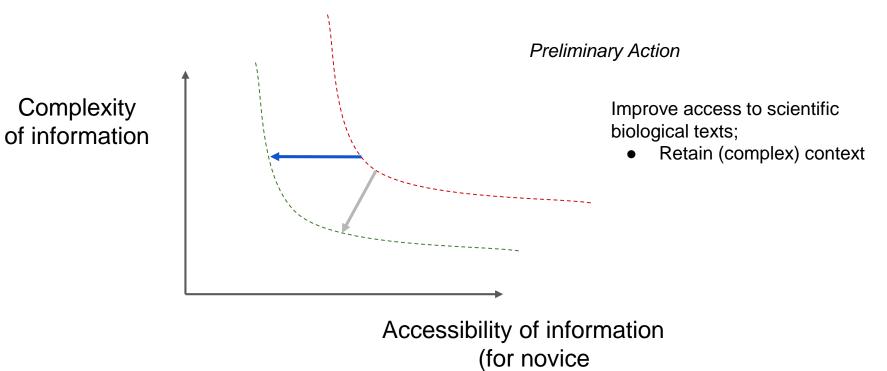


Accessibility of information (for novice biologist)

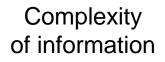


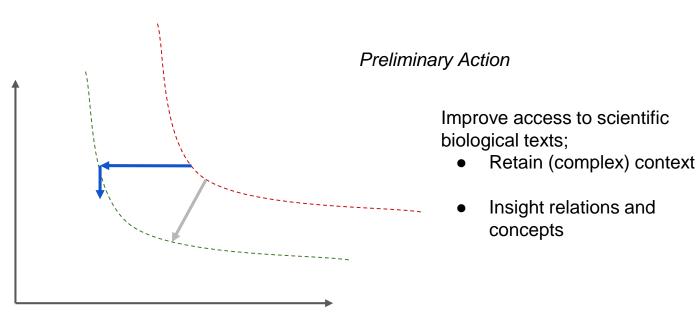


Accessibility of information (for novice biologist)

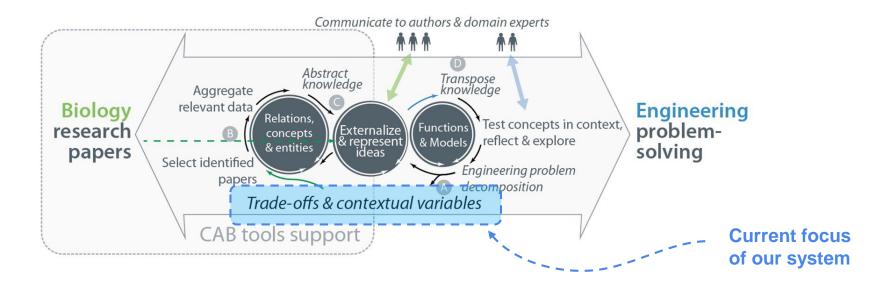


biologist)





Accessibility of information (for novice biologist)



Kruiper et al. (2018) <u>Towards a Design Process for Computer-Aided Biomimetics</u> Vincent (2016) <u>The Trade-off – A Central Concept for Biomimetics</u> (Sleep deprivation; has; negative effects on both memory consolidation) (torpor; has; a negative influence on memory consolidation) (digestion; prevents; the bats; from falling into torpor quickly) (torpor; indeed affects; learning abilities)

