



seL4 20th Anniversary

Retrospective Panel Session

October 16th, 2024

Early Days (2004-2009)



2004: start of pilot project

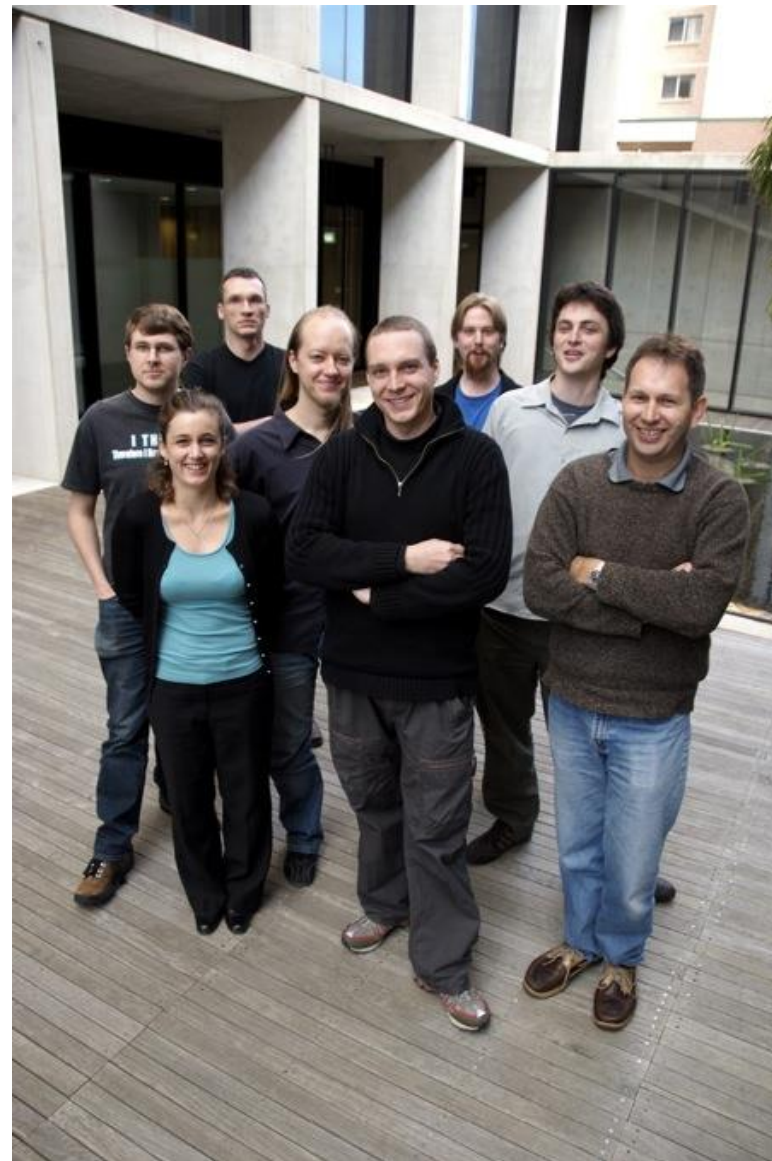
2005: start of L4.verified project

2009: seminal SOSP paper



2009: functional correctness proof completed

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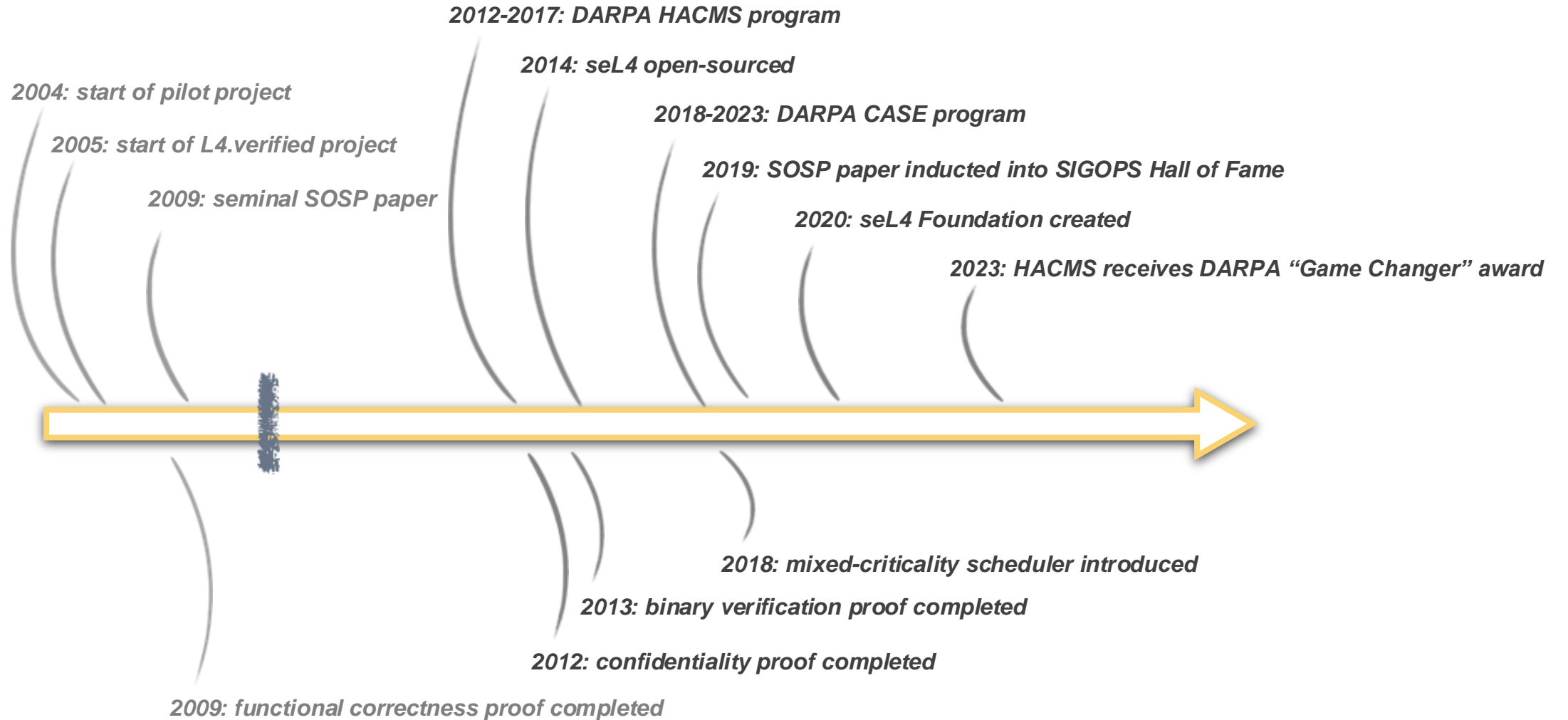
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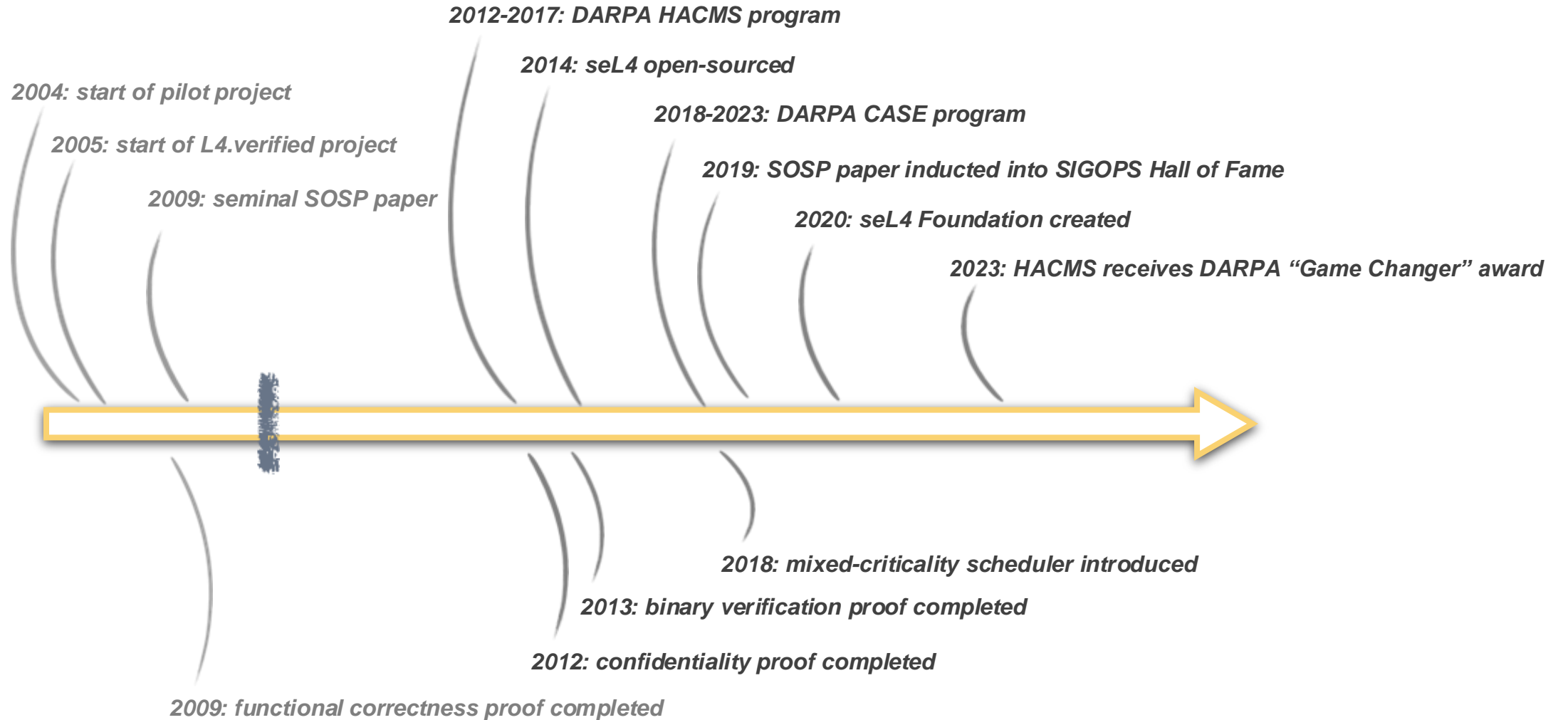
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Developments Over the Years (2010-present)





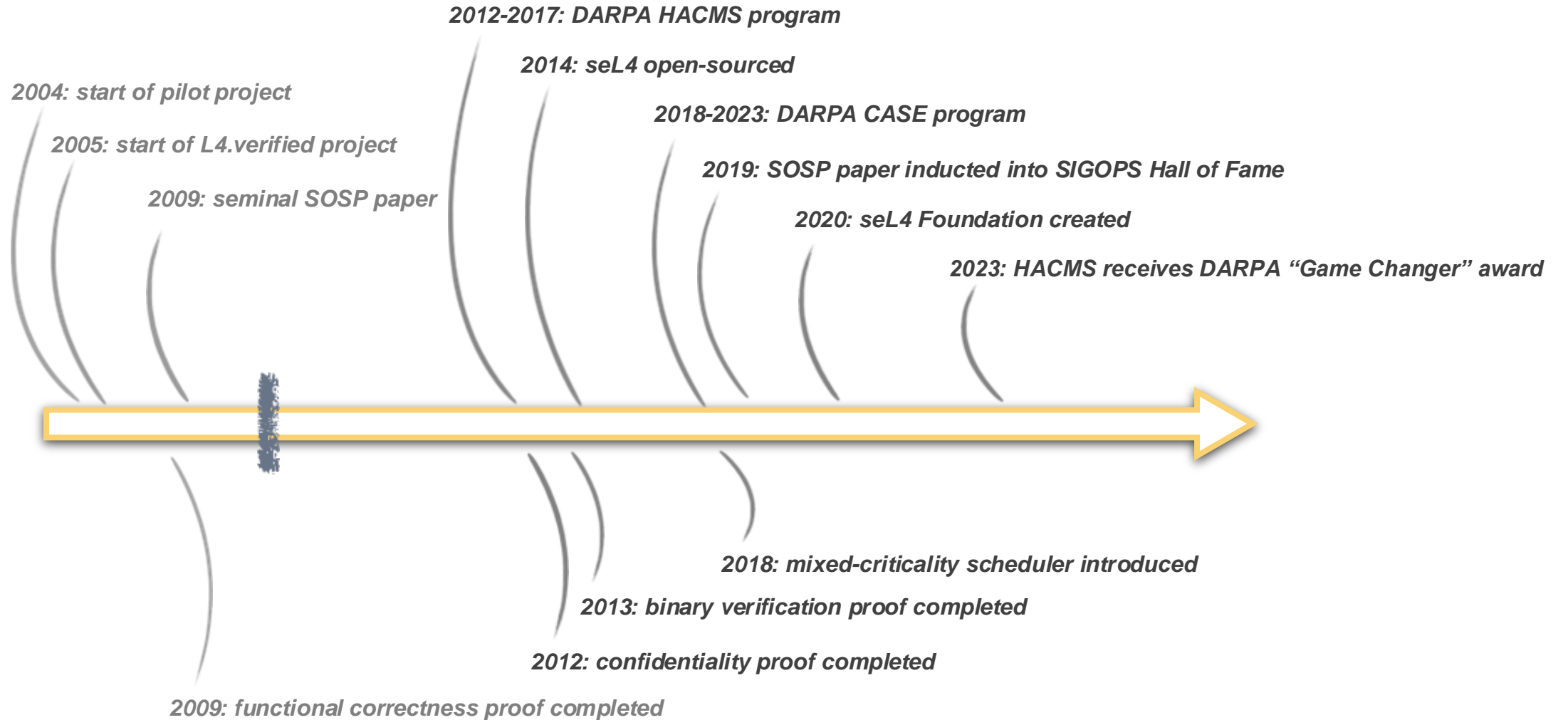
Developments Over the Years (2010-present)





Toby Murray

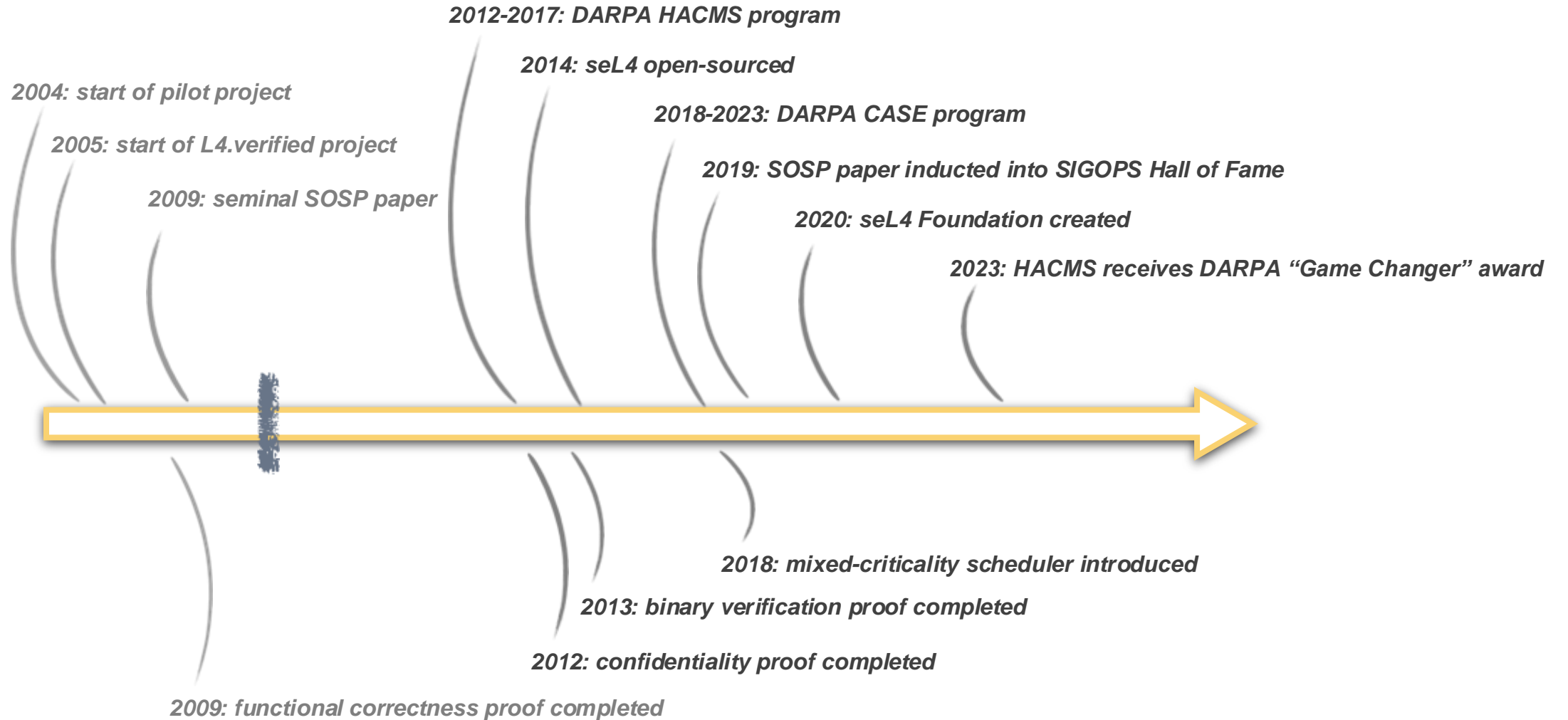
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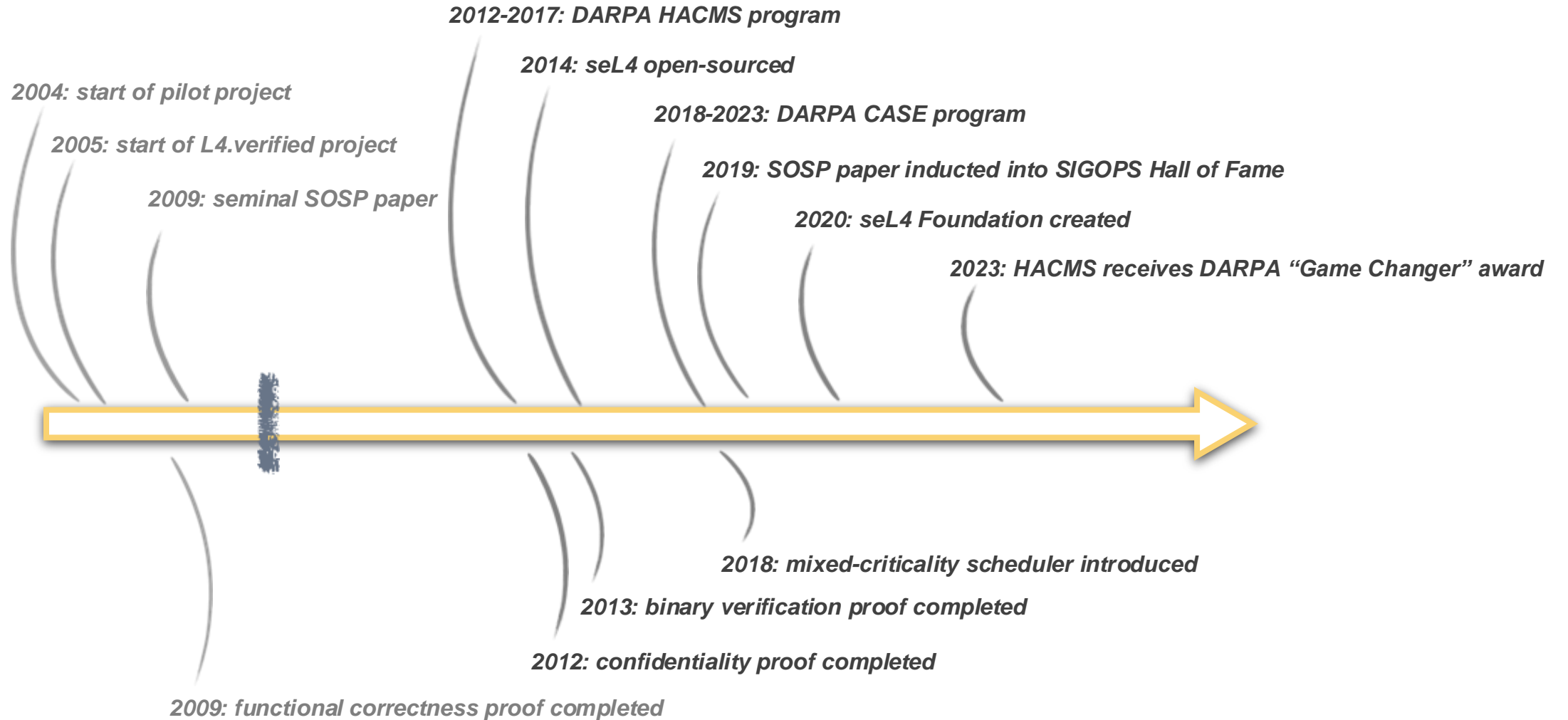
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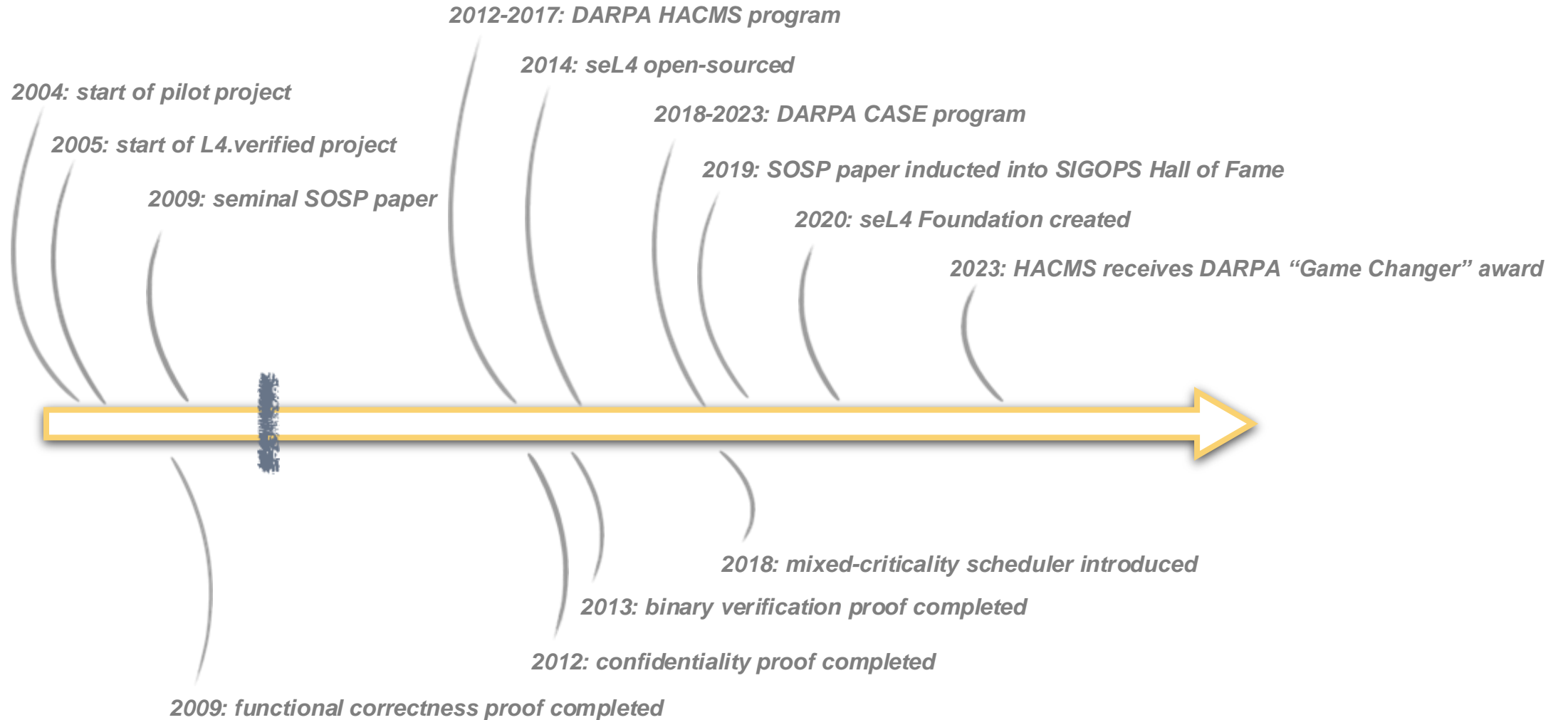
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The Next 20 Years



The Next 20 Years



NCSC look forward to seeing seL4 and its community of users grow and thrive, enabling the use of provably secure systems to help provide rigour and confidence in the assurance of critical designs used to protect the interests of the UK. We have worked to support making the technology more accessible to a greater number of users and are excited about its unique guarantees being more easily accessible by non-experts. We would love to see seL4, and formally verified technologies like it, become more mainstream and lift the level of cyber security throughout the industry.

— Adam, NCSC



The Next 20 Years

