UNIVERSITY OF CAMBRIDGE

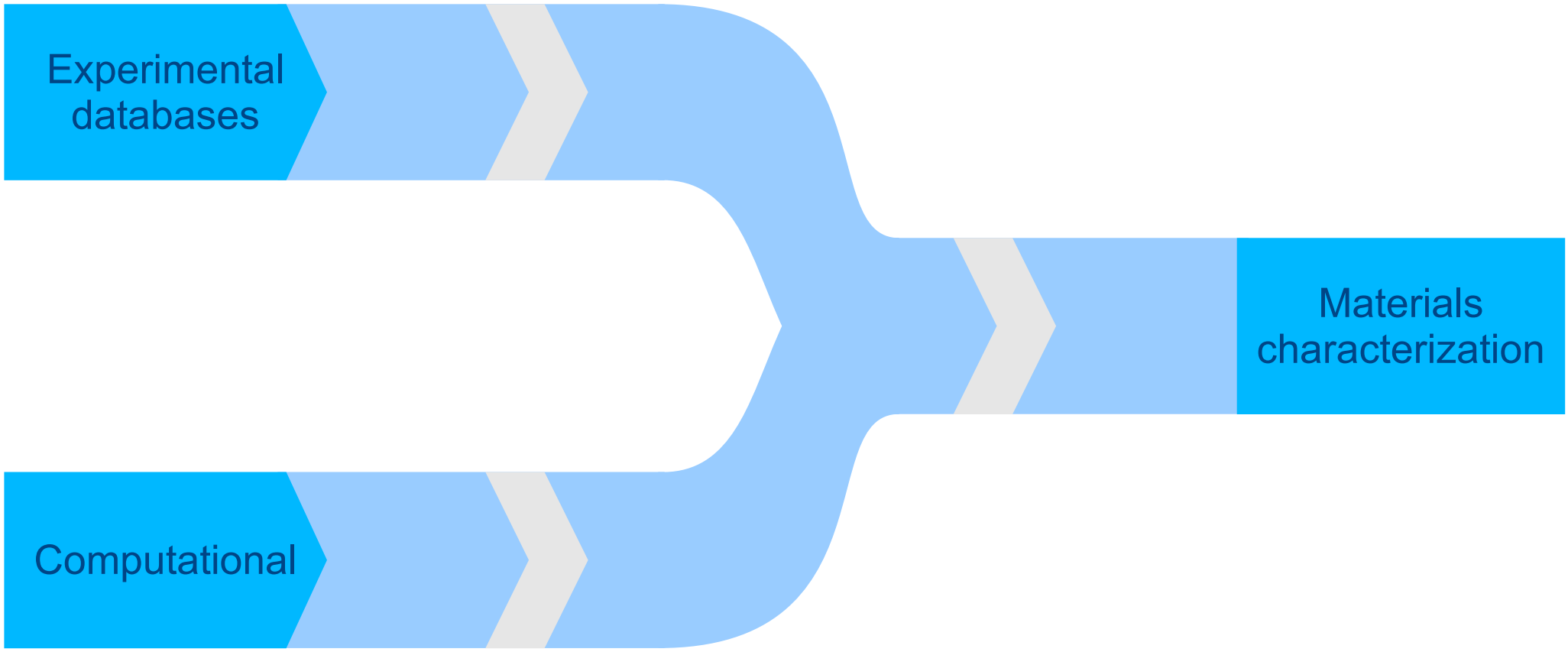
Concurrent materials design

Gareth Conduit

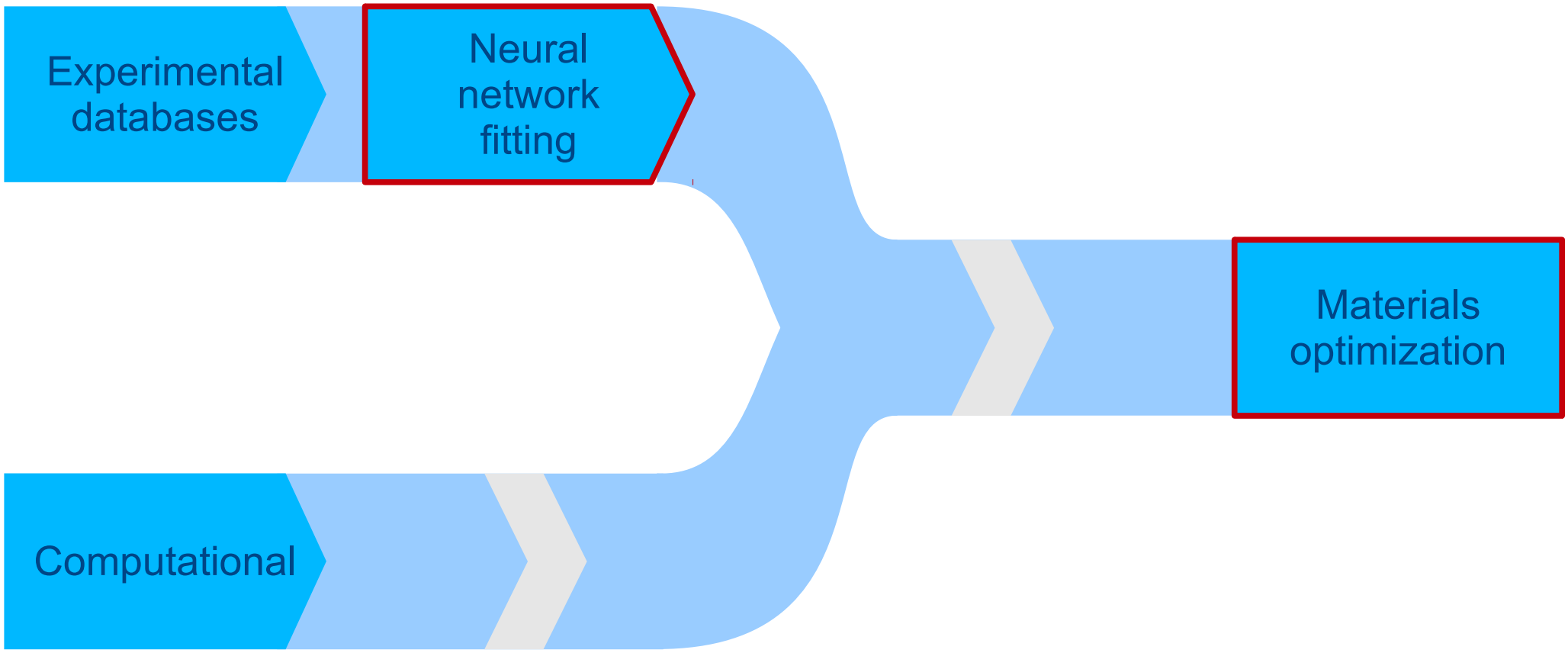
EP14153898.3; US 2014/177578; GB1302743.8
EP14161255.6; US 2014/223465; GB1307533.8
EP14161529.4; GB1307535.3
EP14157622.3; amendment to US 2013/0052077 A1; GB1408536.9
Acta Materialia **61**, 3378 (2013)
Intermetallics **48**, 62 (2014)

Theory of Condensed Matter Group, Department of Physics

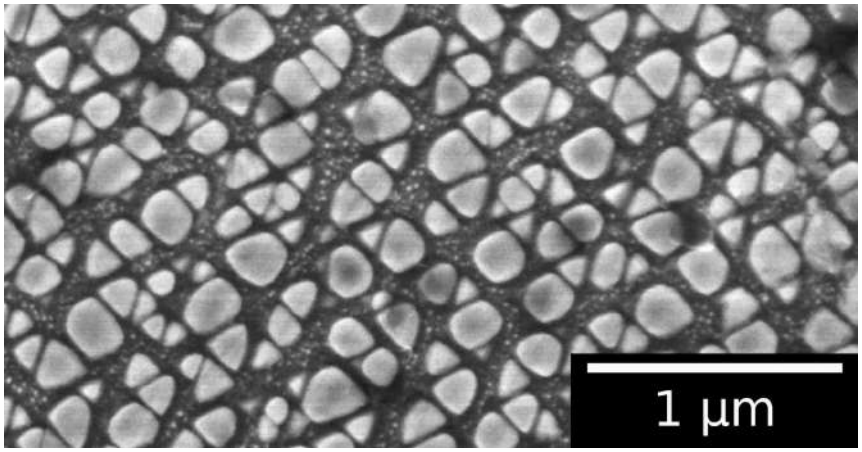
Materials pipeline

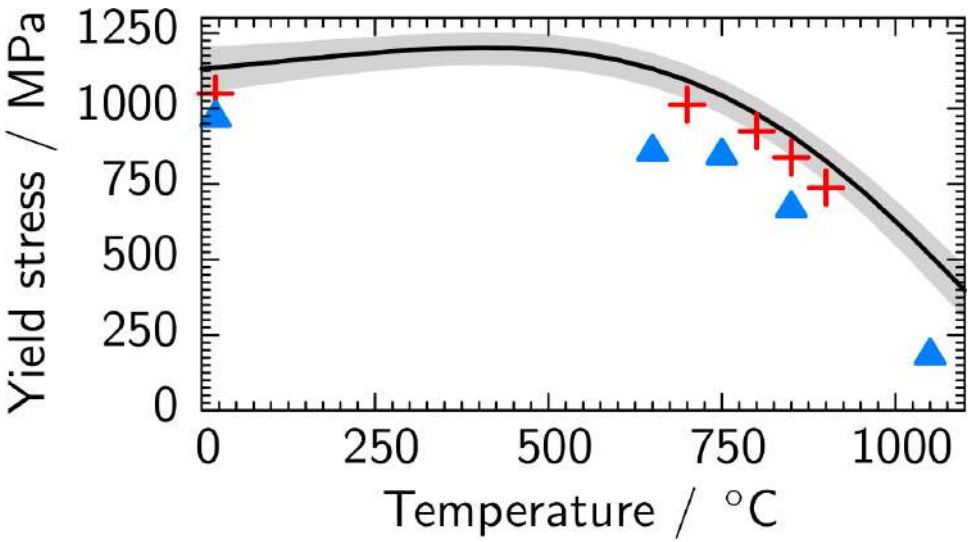


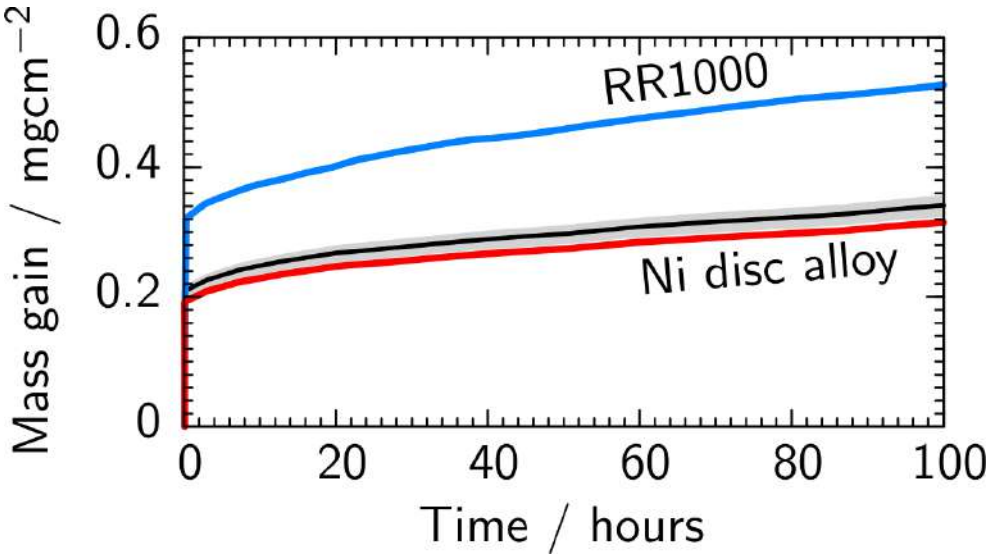
Two new tools



Ni-base superalloy

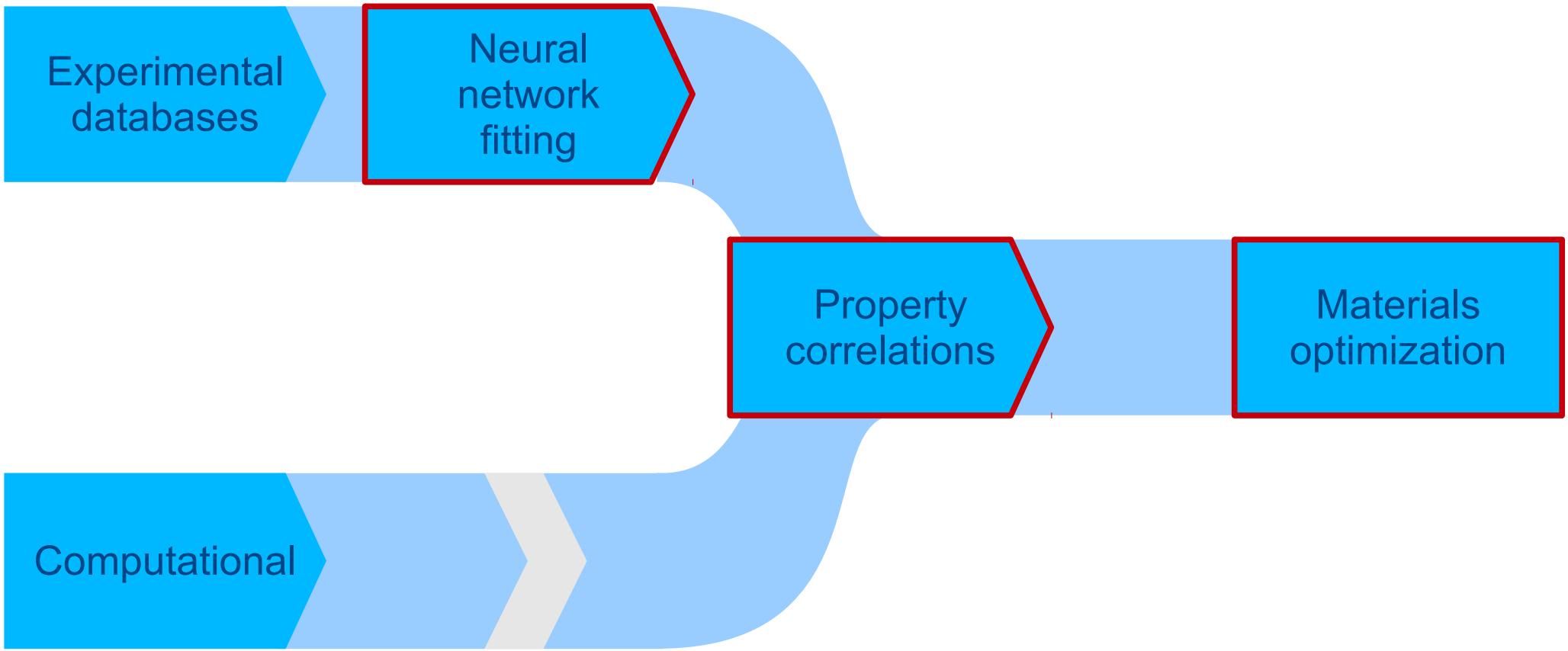




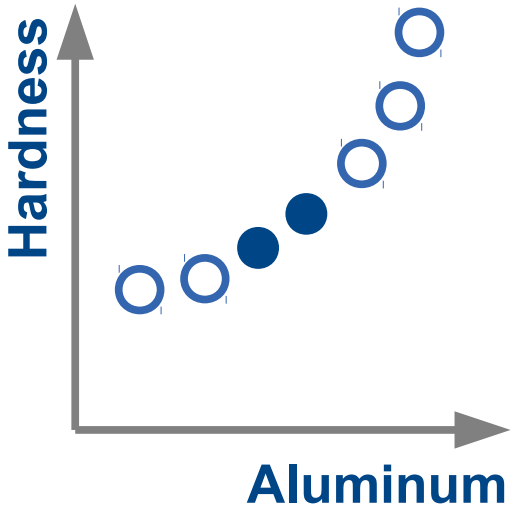


Amendment to US 2013/0052077 A1; EP14157622.3; GB1408536.9

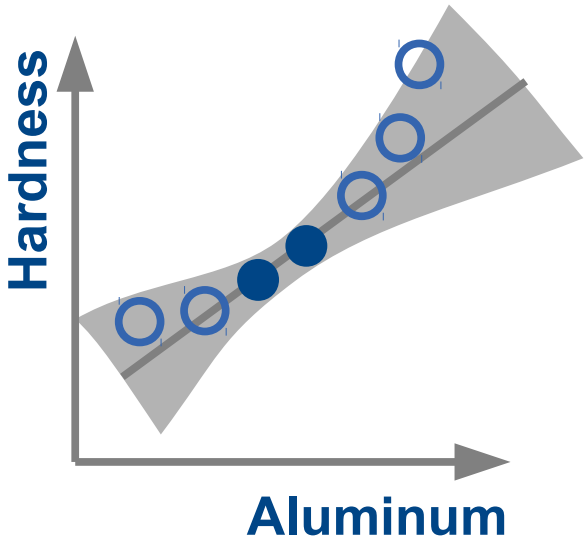
Three new tools



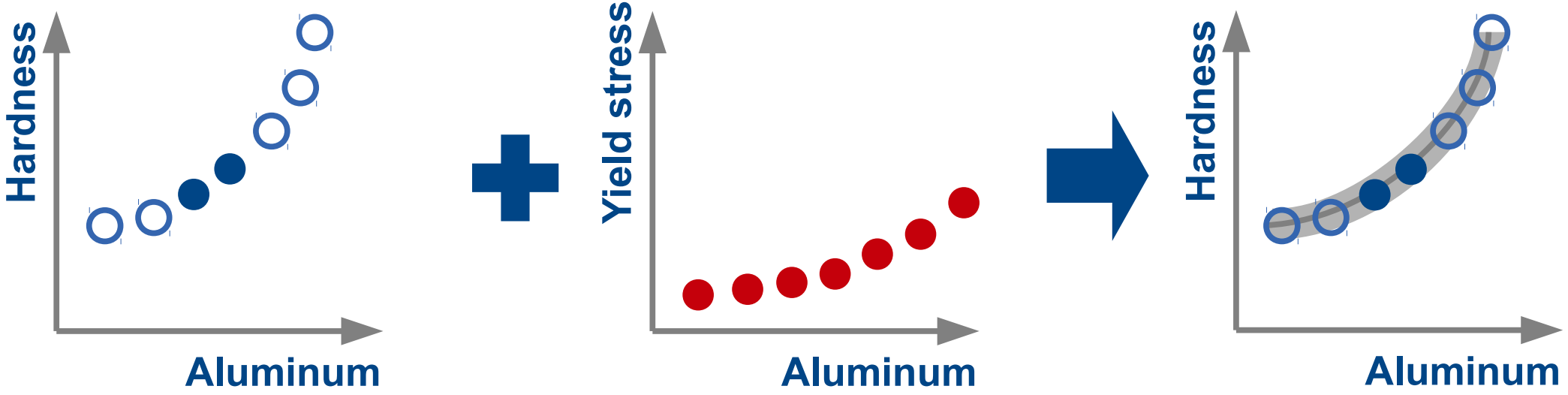
Correlations between properties



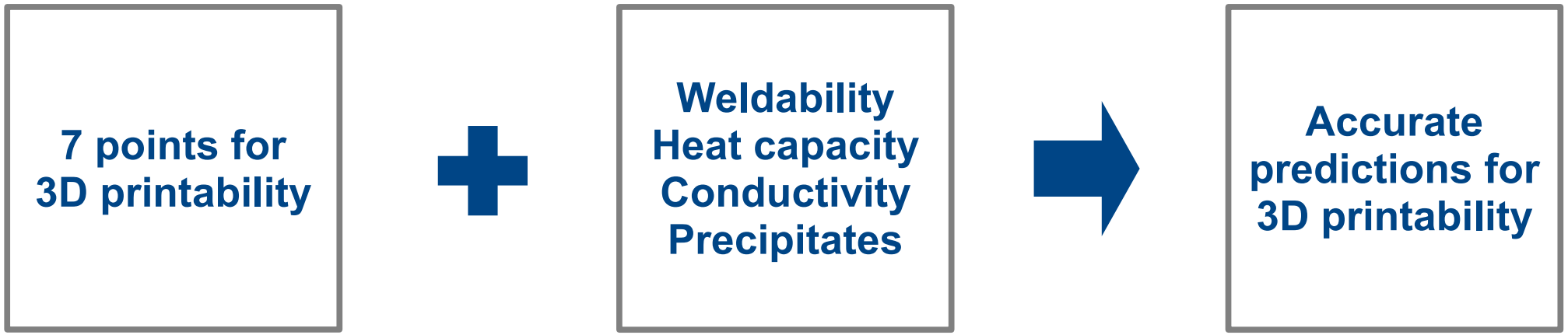
Correlations between properties



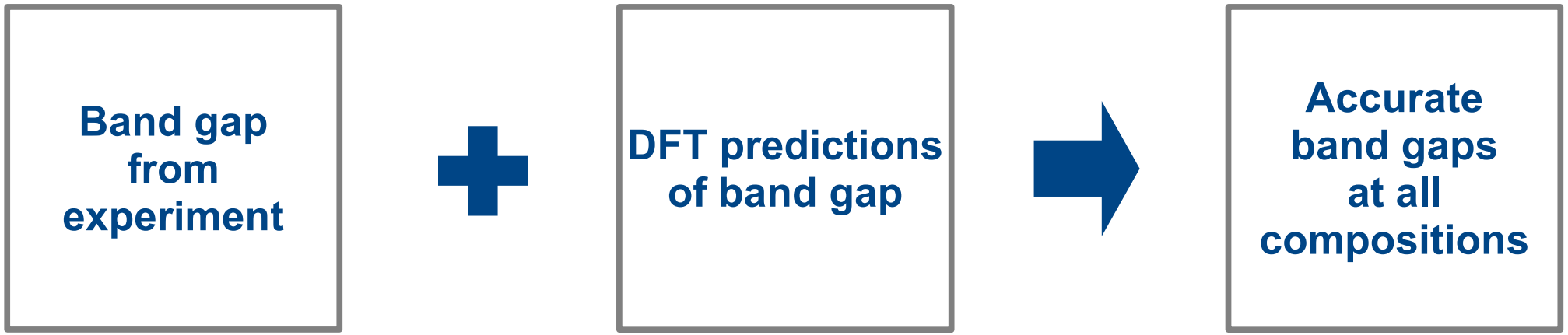
Correlations between properties



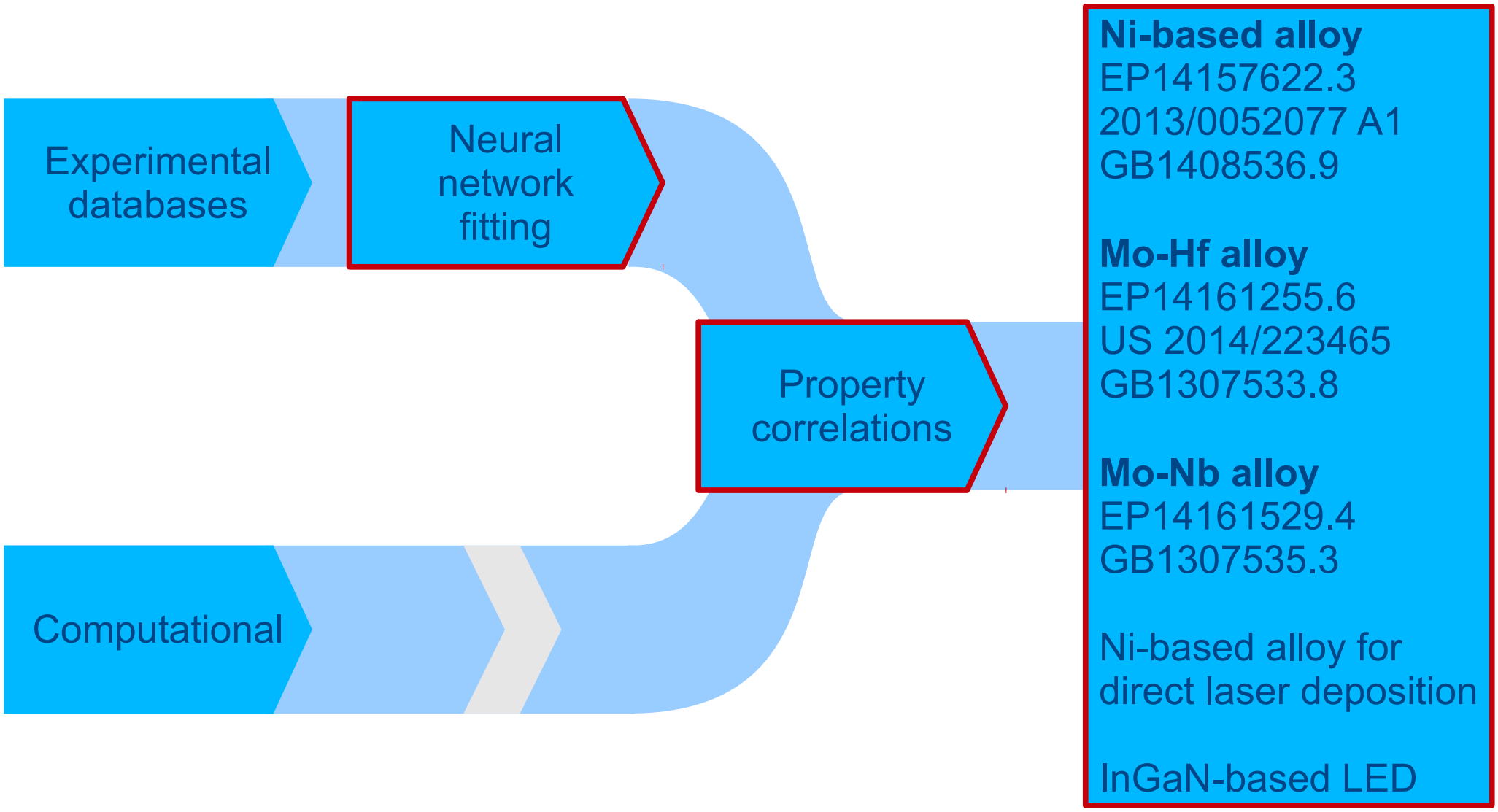
Exploiting correlations: 3D printing



Exploiting correlations: LEDs



Three new tools



Prospects in the future

Combine strengths of experimental databases with first principles approaches

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