

HINT

High integrity cast components in Al-Si alloys

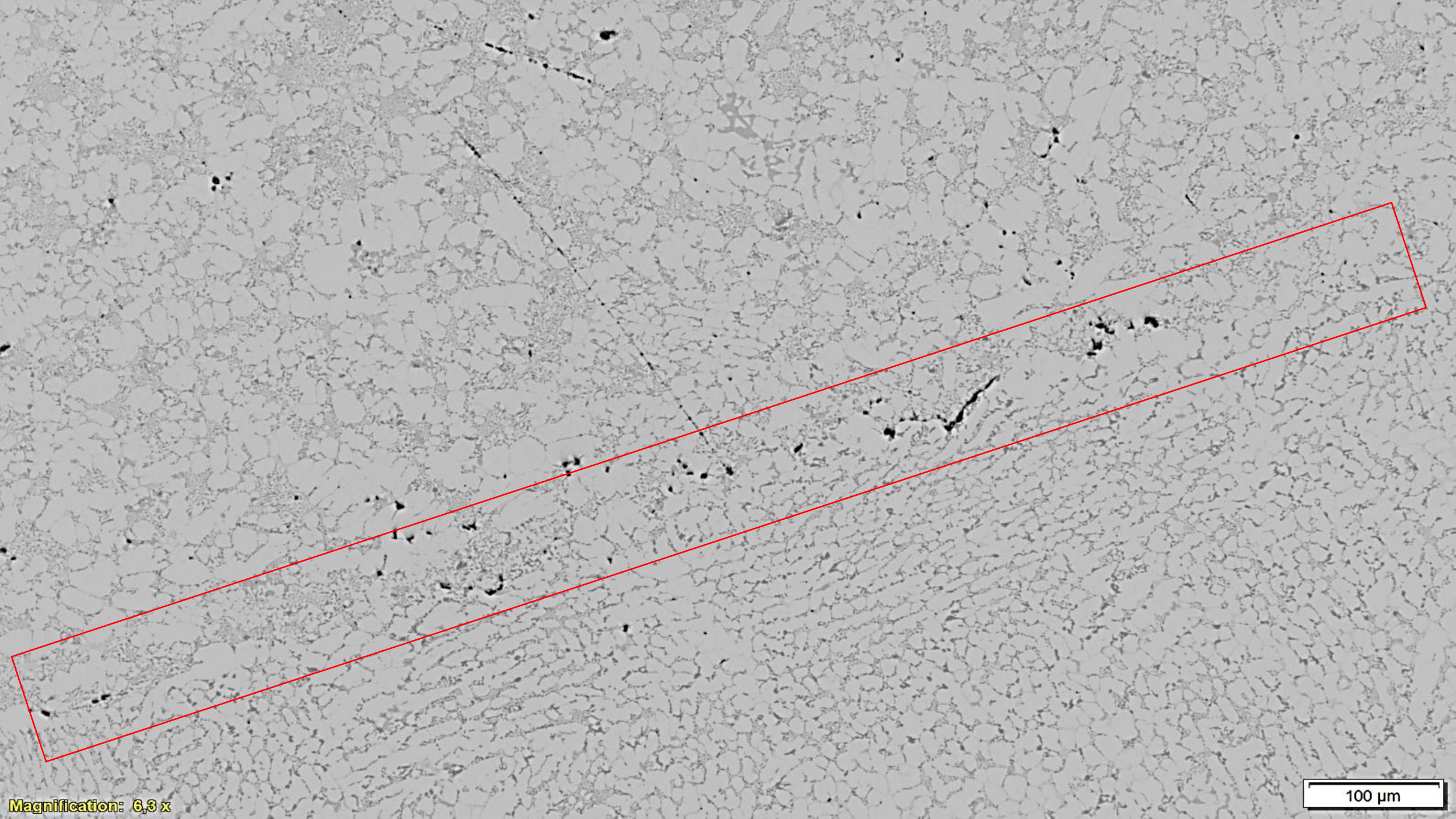
2016-2018

8 MSEK (4 MSEK Region Län Jönköping)

Team members:

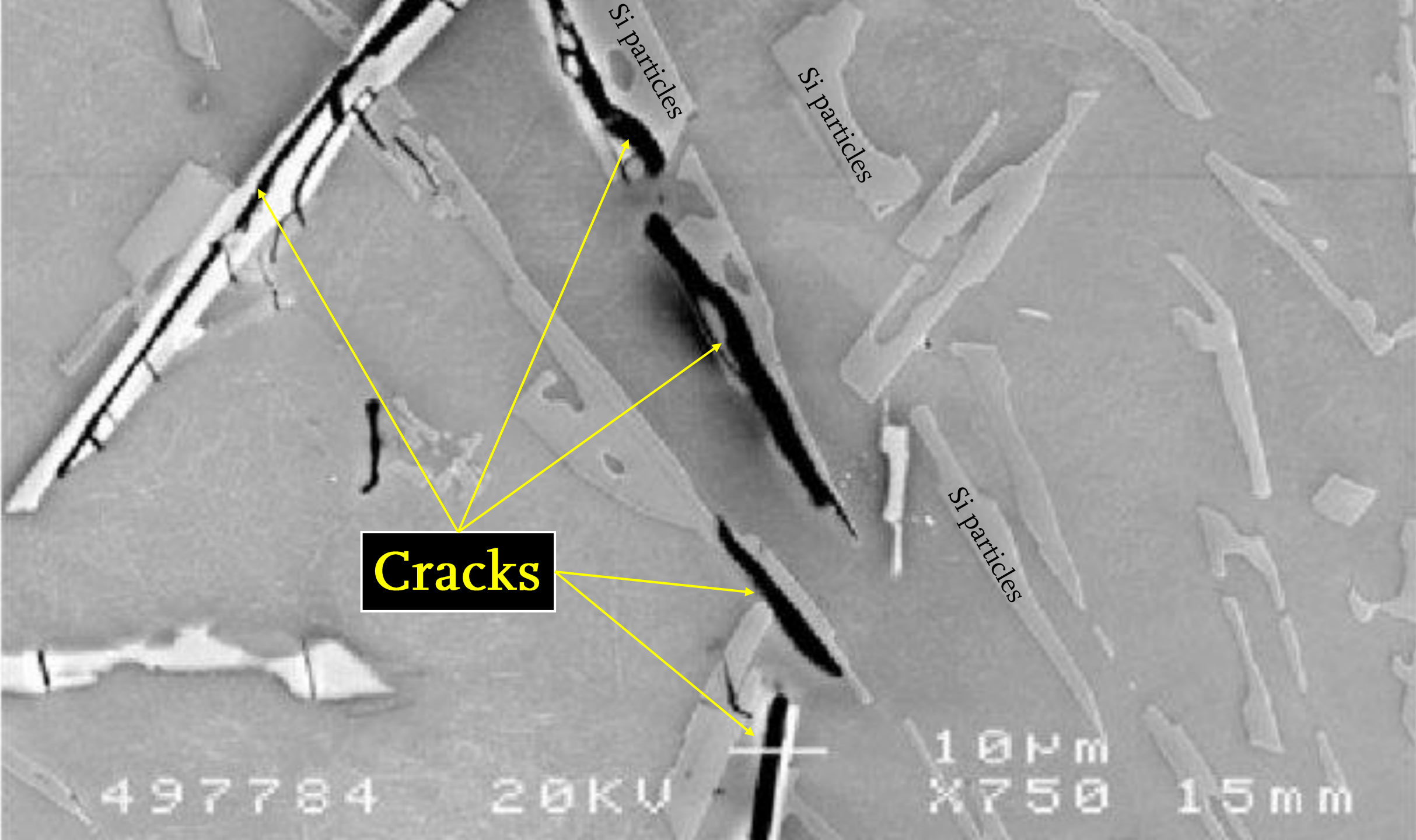
Ehsan Ghassemali (PL), Salem Seifeddine, Toni Bogdanoff,
Martin Riestra (PhD student)





Magnification: 6,3 x

100 μ m



Si particles

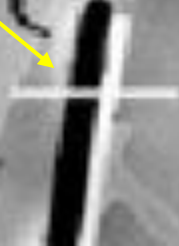
Si particles

Si particles

Cracks

497784

20KV



10µm

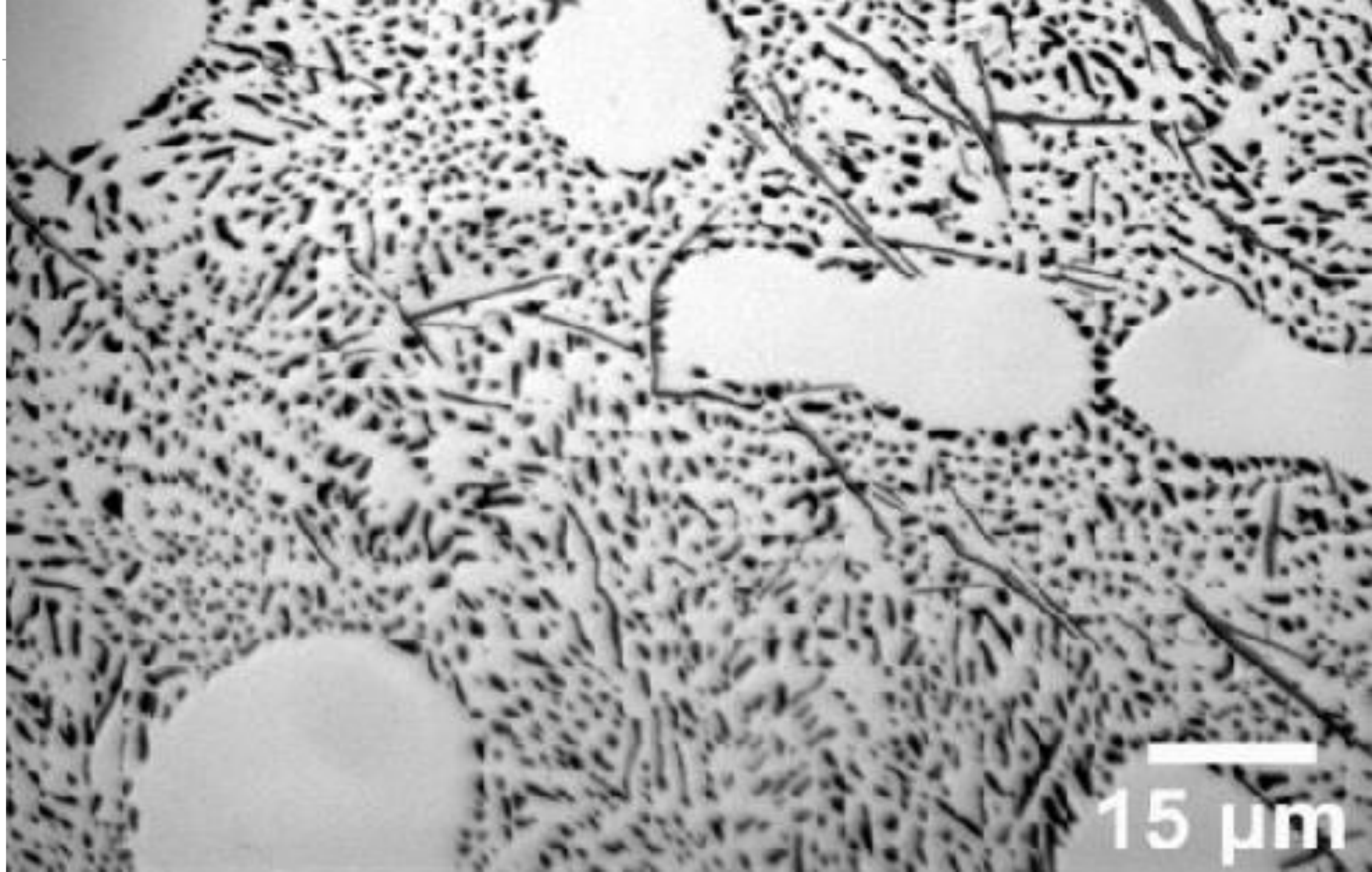
X750

15mm

Al - 10%Si



Al - 10%Si (+200 ppm Sr)





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