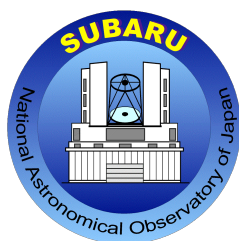


SCEXAO in brief:

- Post AO-I88
- to be used with HiCIAO
- Nasmyth-focus
- Warm optics (visible + H-band)
- 1024-actuator DM
- High efficiency PIAA-based IR coronagraph
- Coronagraphic Low-Order WFS for fine tip-tilt measurement
- Simultaneous visible diffraction-limited imaging with EMCCD



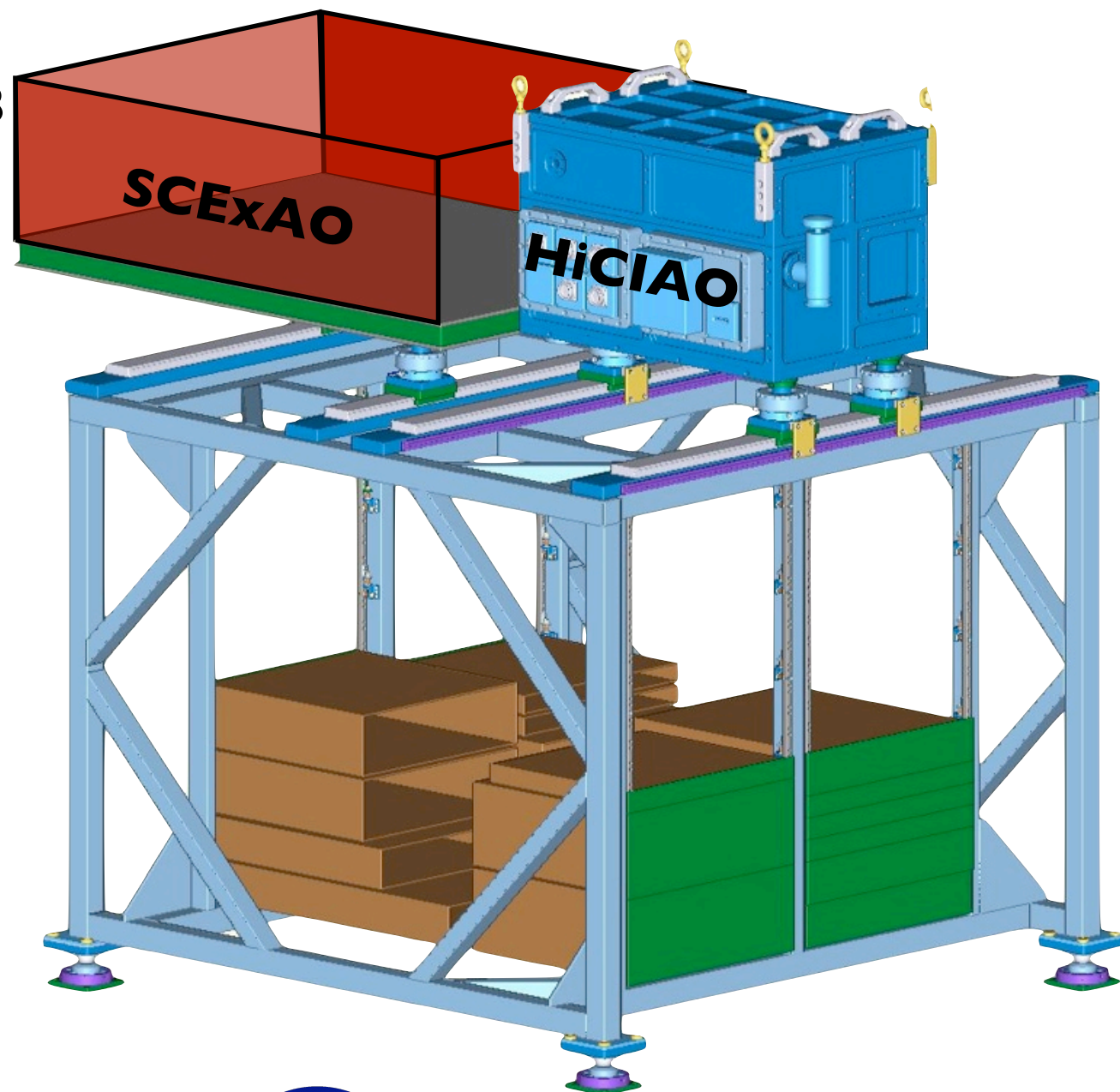
S E E D S

The Subaru Coronagraphic Extreme AO Project

Frantz Martinache & Olivier Guyon

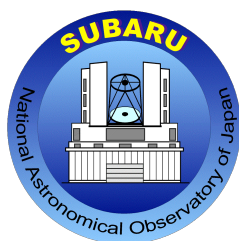
Project URL: <http://www.naoj.org/Projects/SCEXAO/>

AOI88



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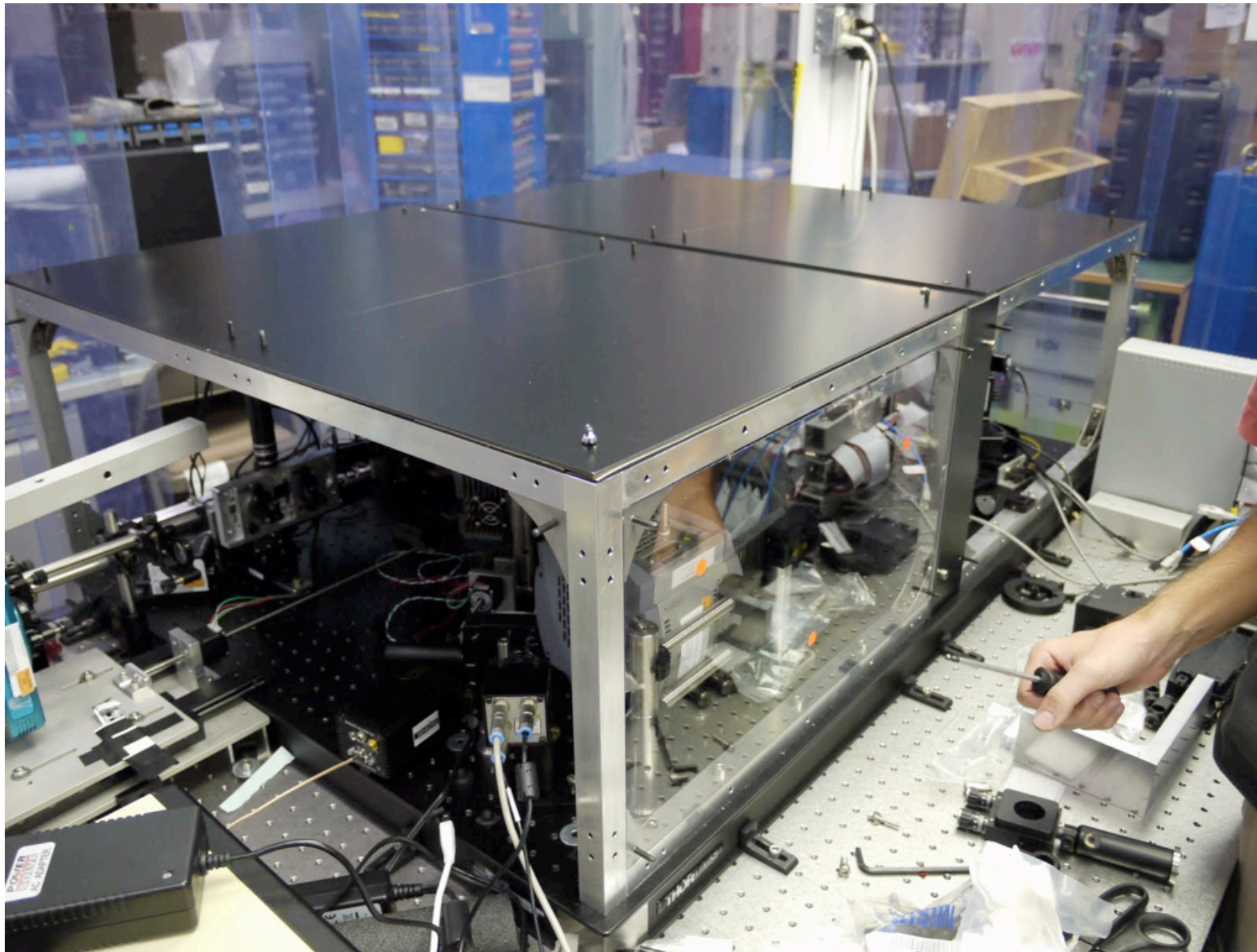


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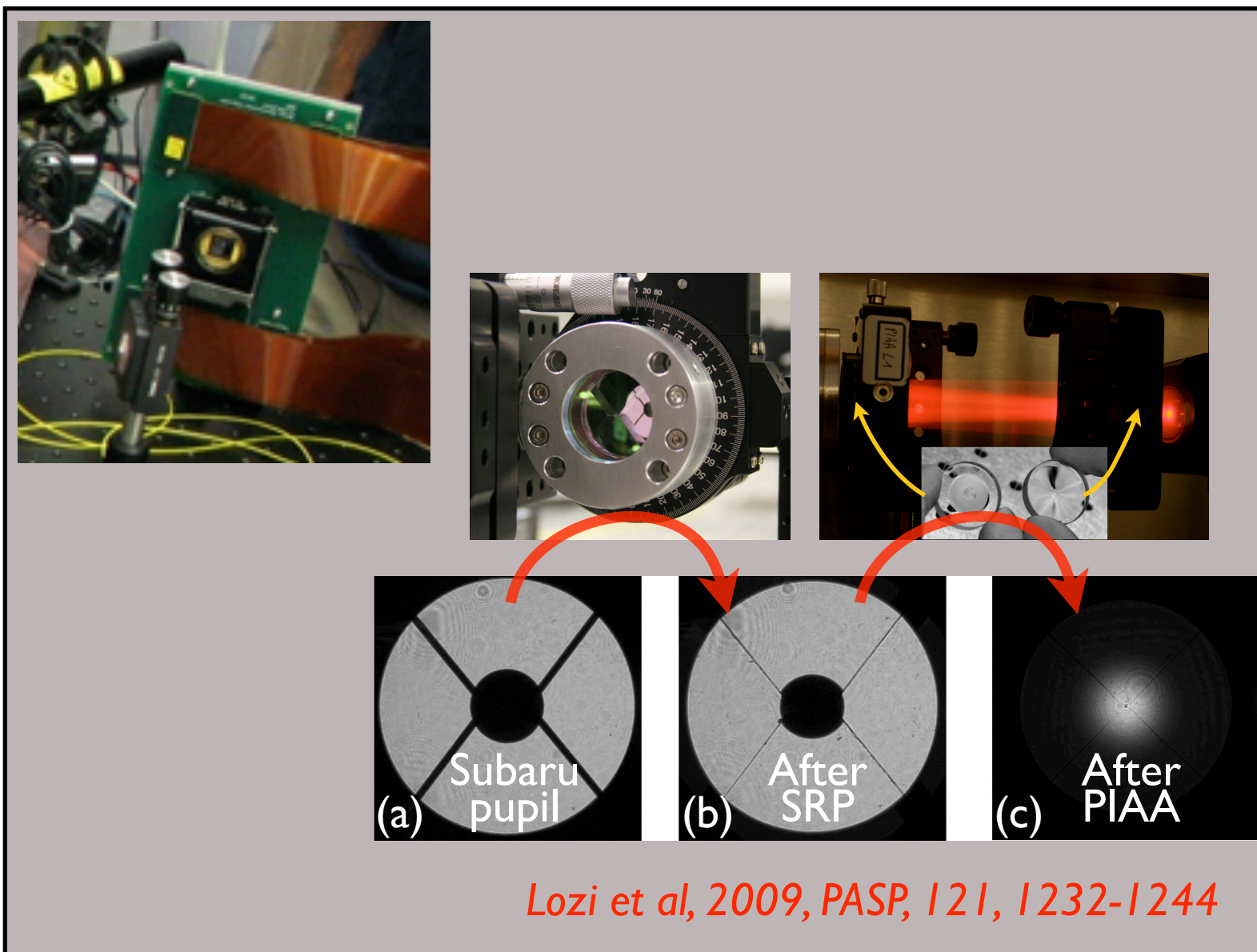
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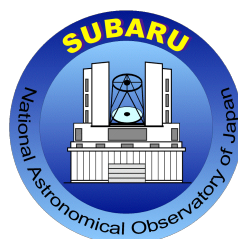


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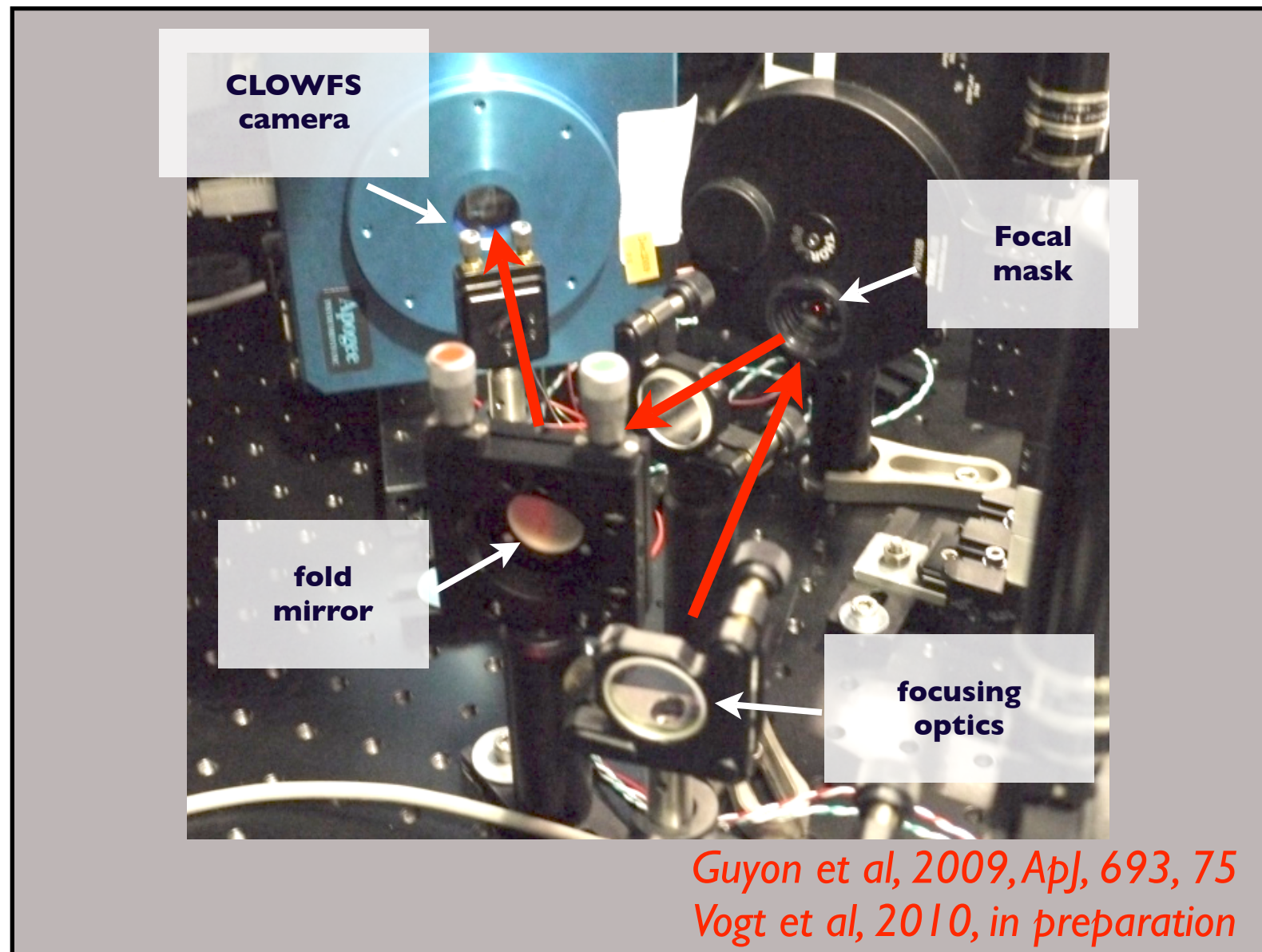
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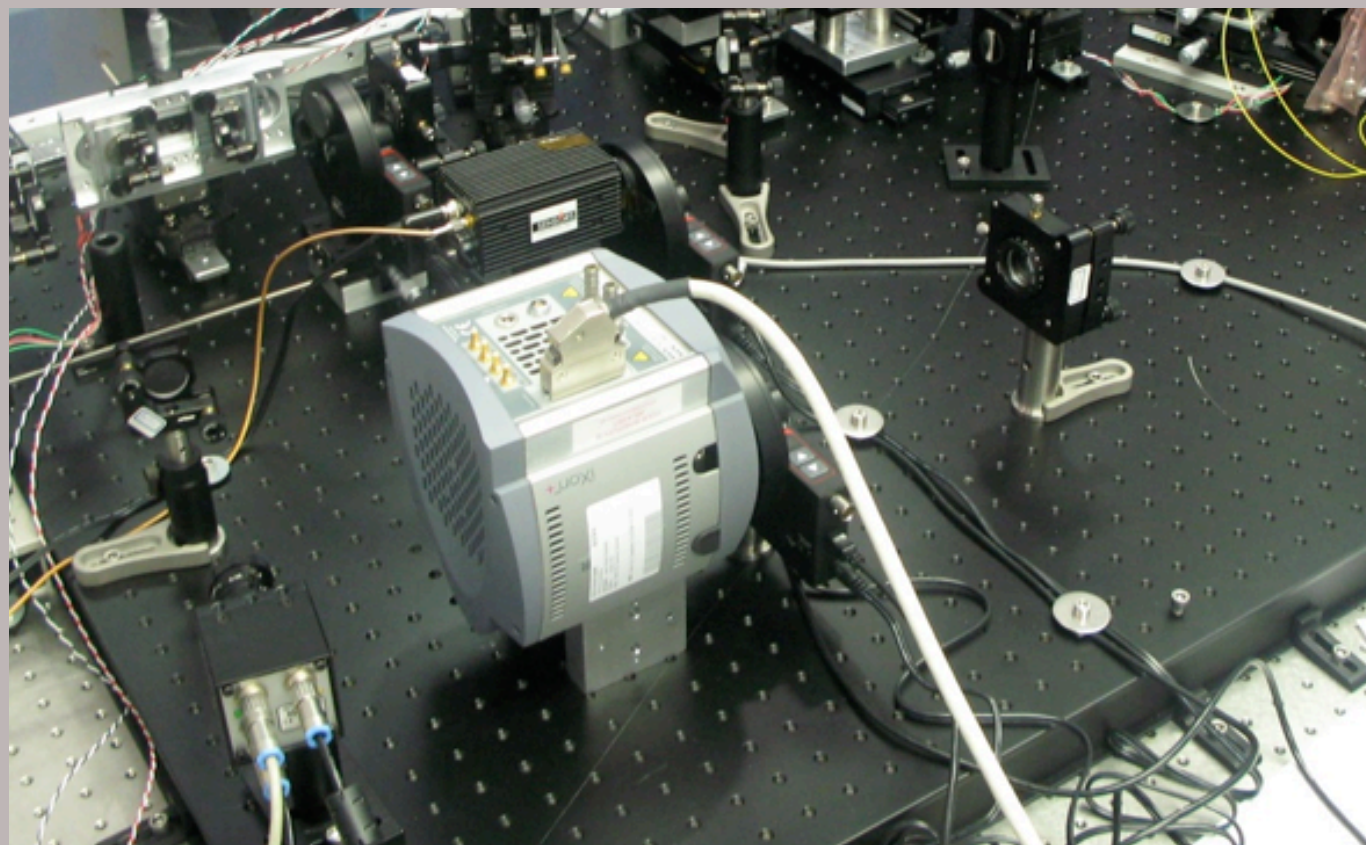
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Garrel et al, 2010, in preparation

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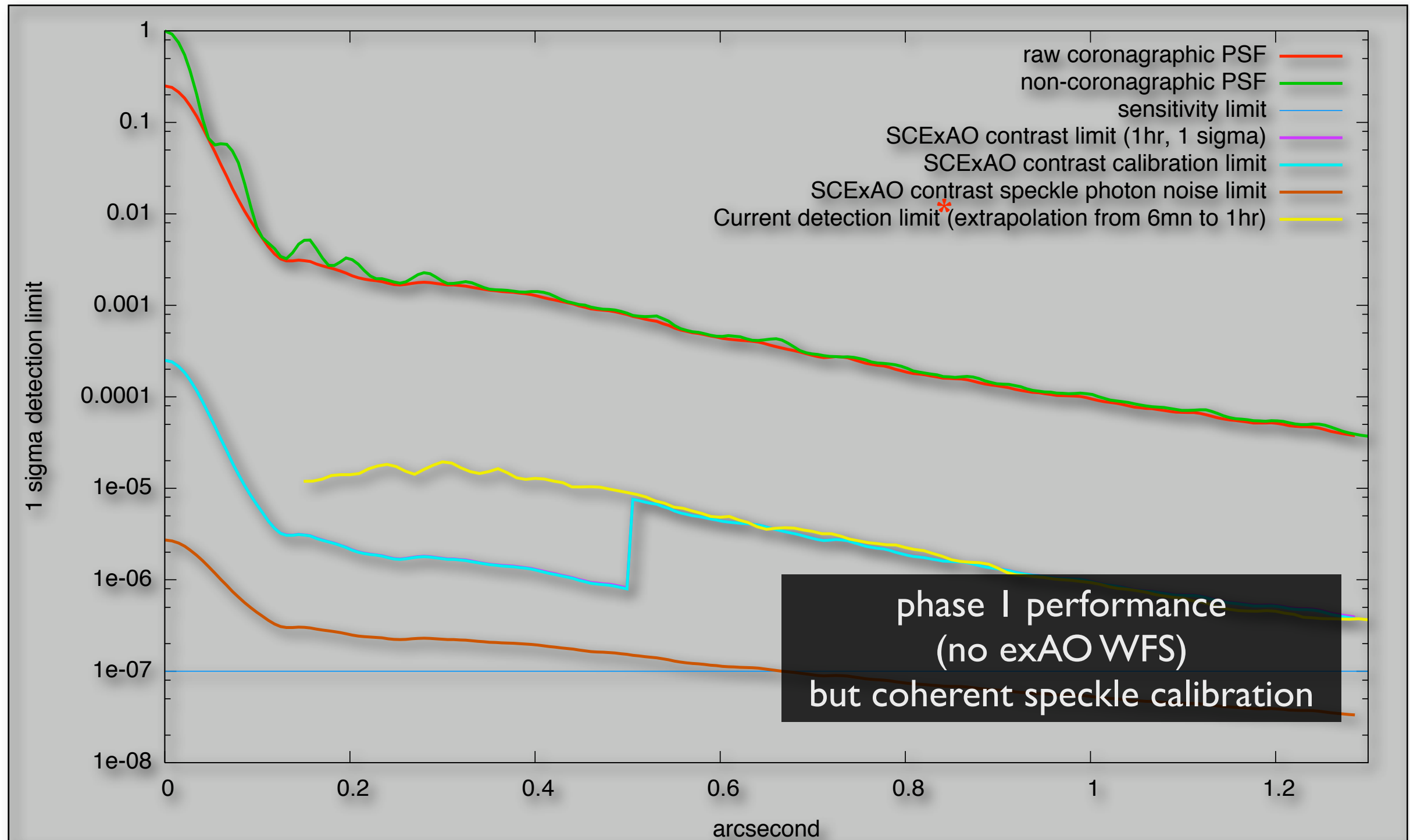
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SCExAO for what?

Extend the coverage of parameter space by SEEDS toward smaller angular separation



*SEEDS team, private comm.