N° 331-B0523

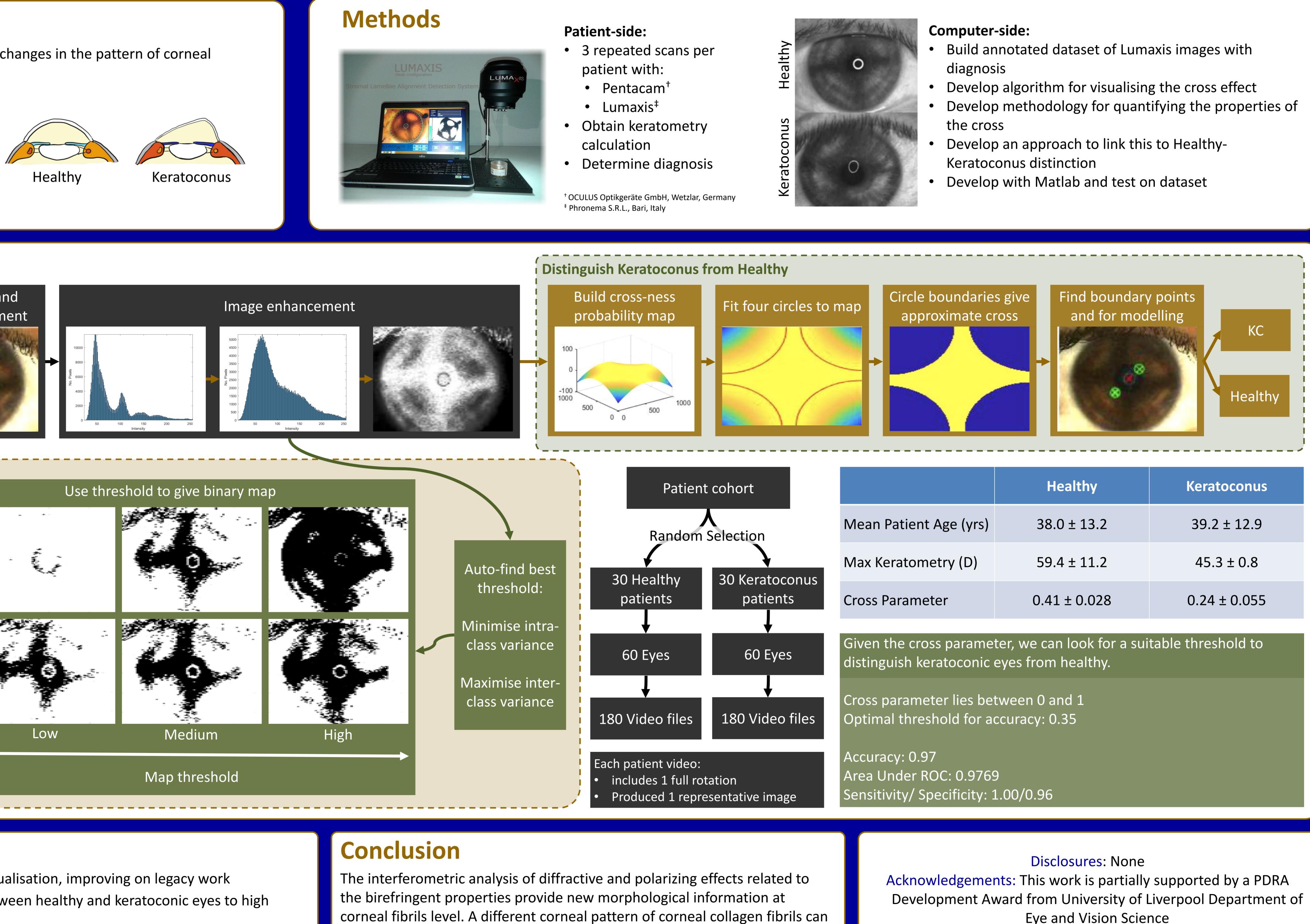
In-vivo evaluation of corneal collagen fibrils pattern to detect keratoconus

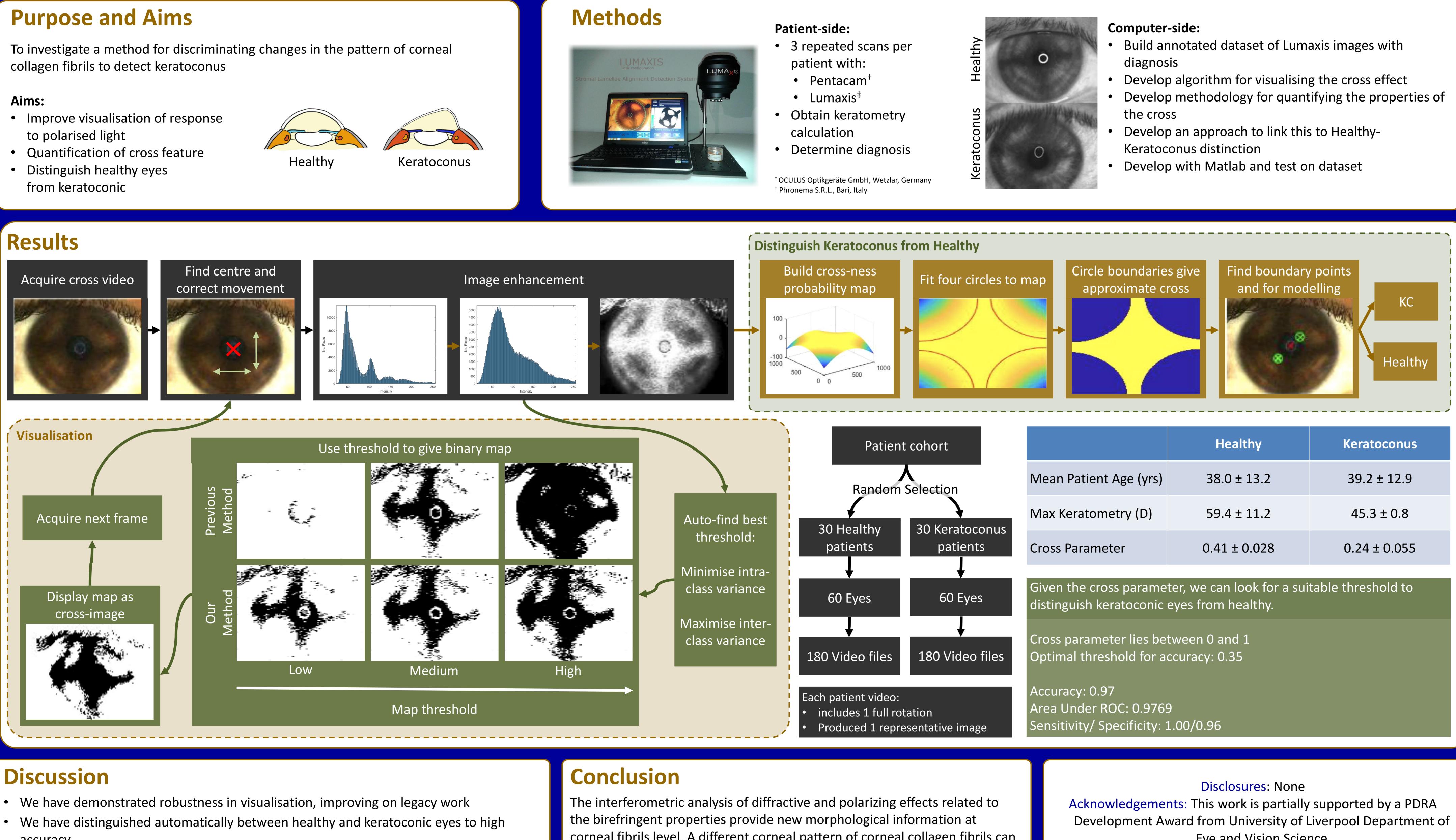
Bryan M. Williams¹, Davide Borroni^{1,2}, Brendan Gherathy¹, Eugenio Lipari³, Alessandra Sborgia⁴, Yalin Zheng¹, Stephen B. Kaye^{1,2}, Vito Romano^{1,2} 1. University of Liverpool, UK, 2. Royal Liverpool University Hospital, Liverpool, UK; 3. Phronema srl, Italy, 4. University of Bari, Italy

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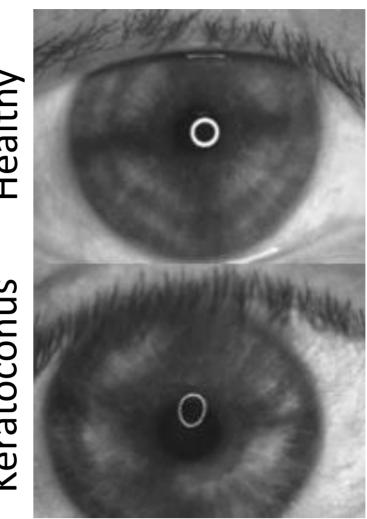
- to polarised light
- from keratoconic





- accuracy
- It remains to develop a large, annotated dataset for model refinement and validation

be recognised in keratoconus patients compared to healthy patients.



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Healthy	Keratoconus
38.0 ± 13.2	39.2 ± 12.9
59.4 ± 11.2	45.3 ± 0.8
0.41 ± 0.028	0.24 ± 0.055