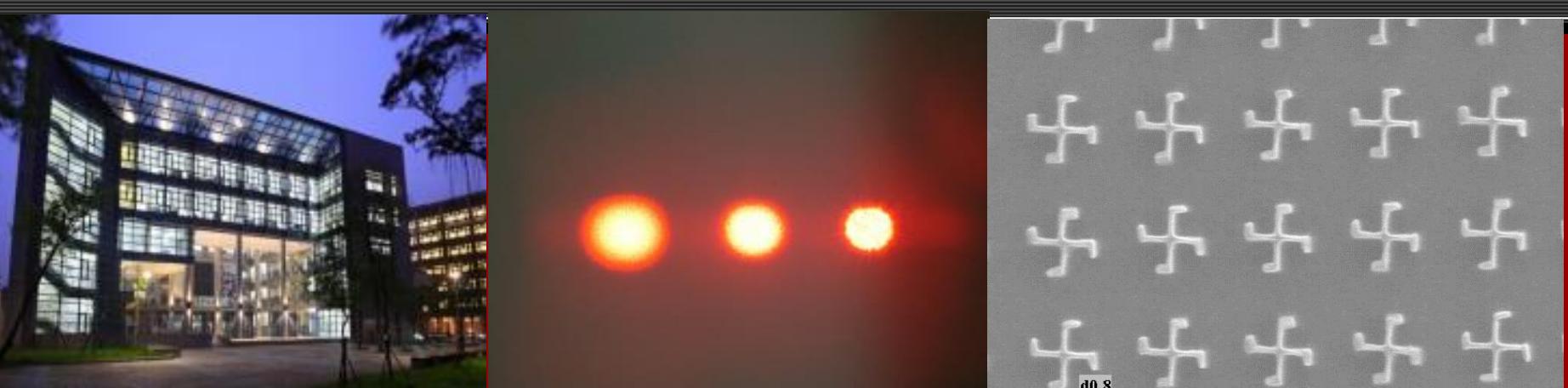


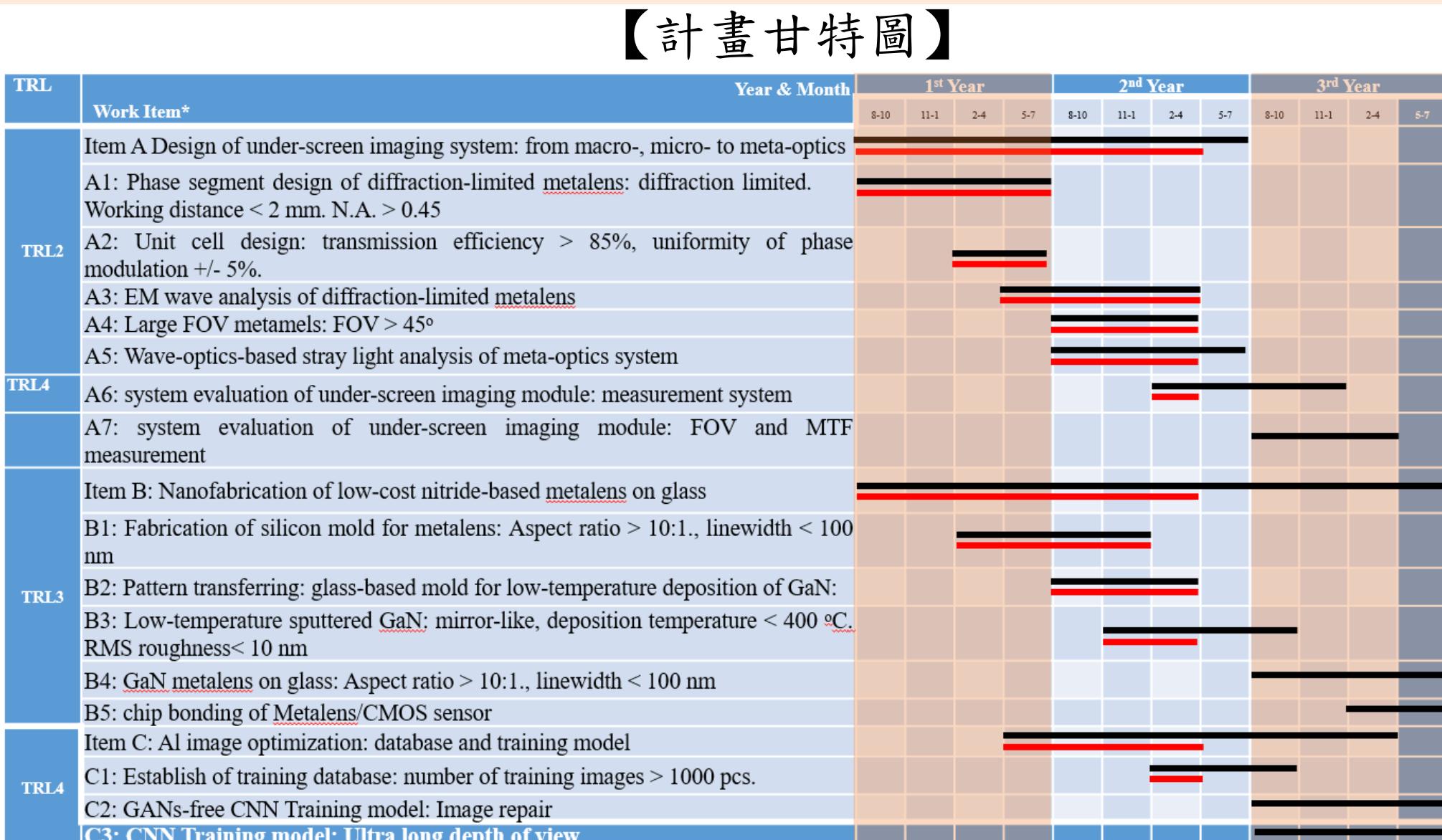
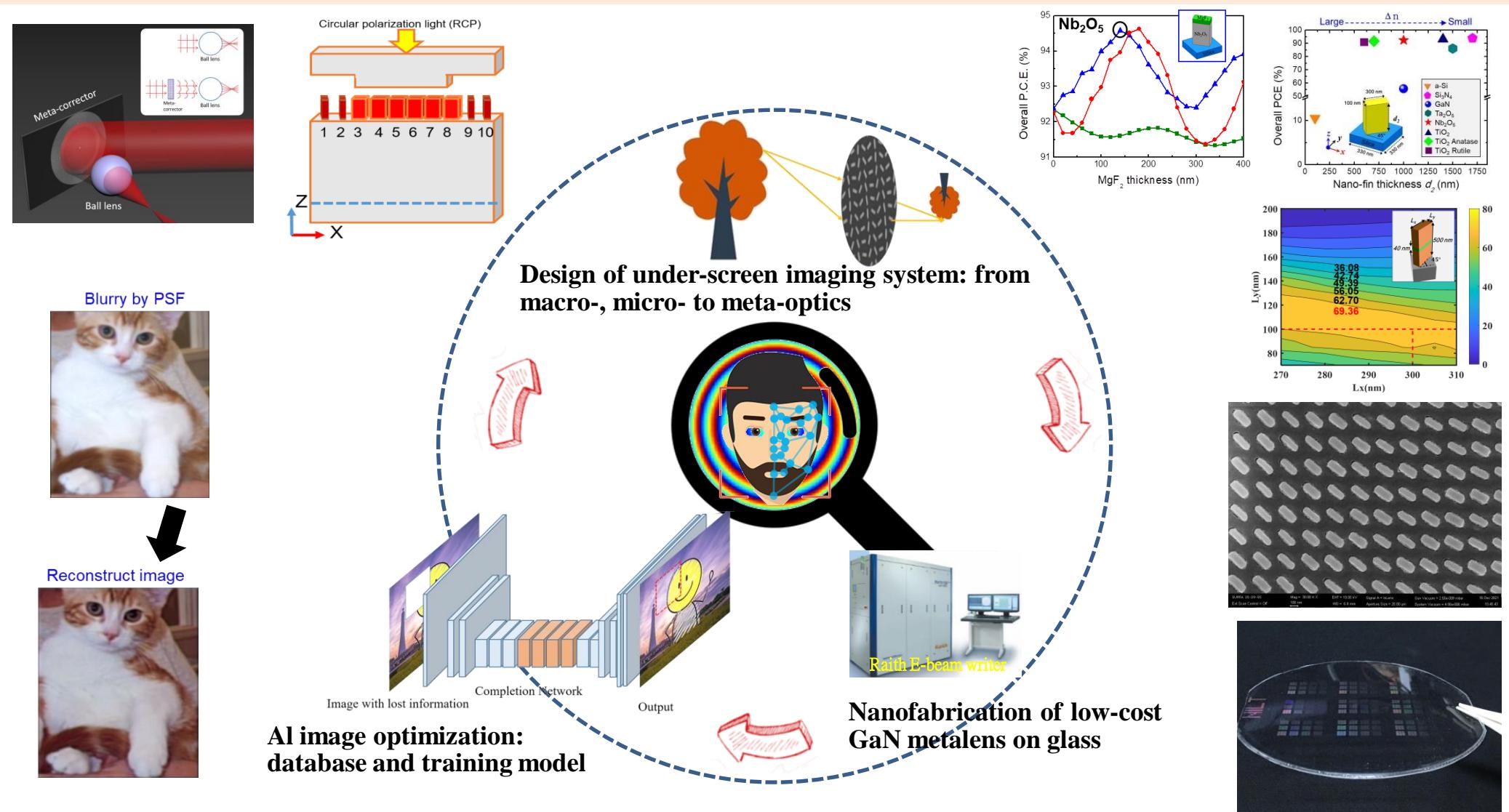
人工智慧影像優化之屏下顯示超穎光學系統 II



王智明, 陳昇暉, 孫慶成
Department of Optics and Photonics, National Central University, Chungli, TAIWAN,
E-mail: cmwang@cc.ncu.edu.tw

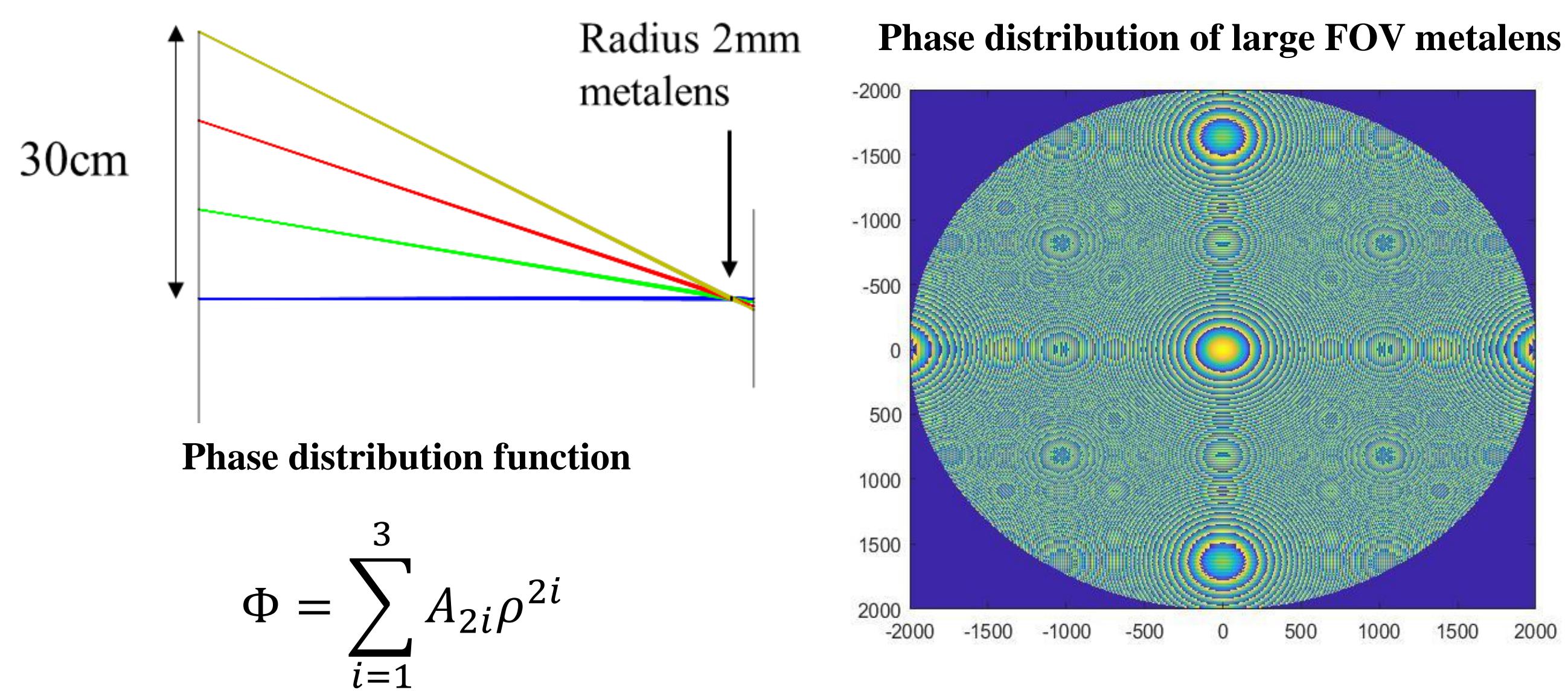


(Target and progress)

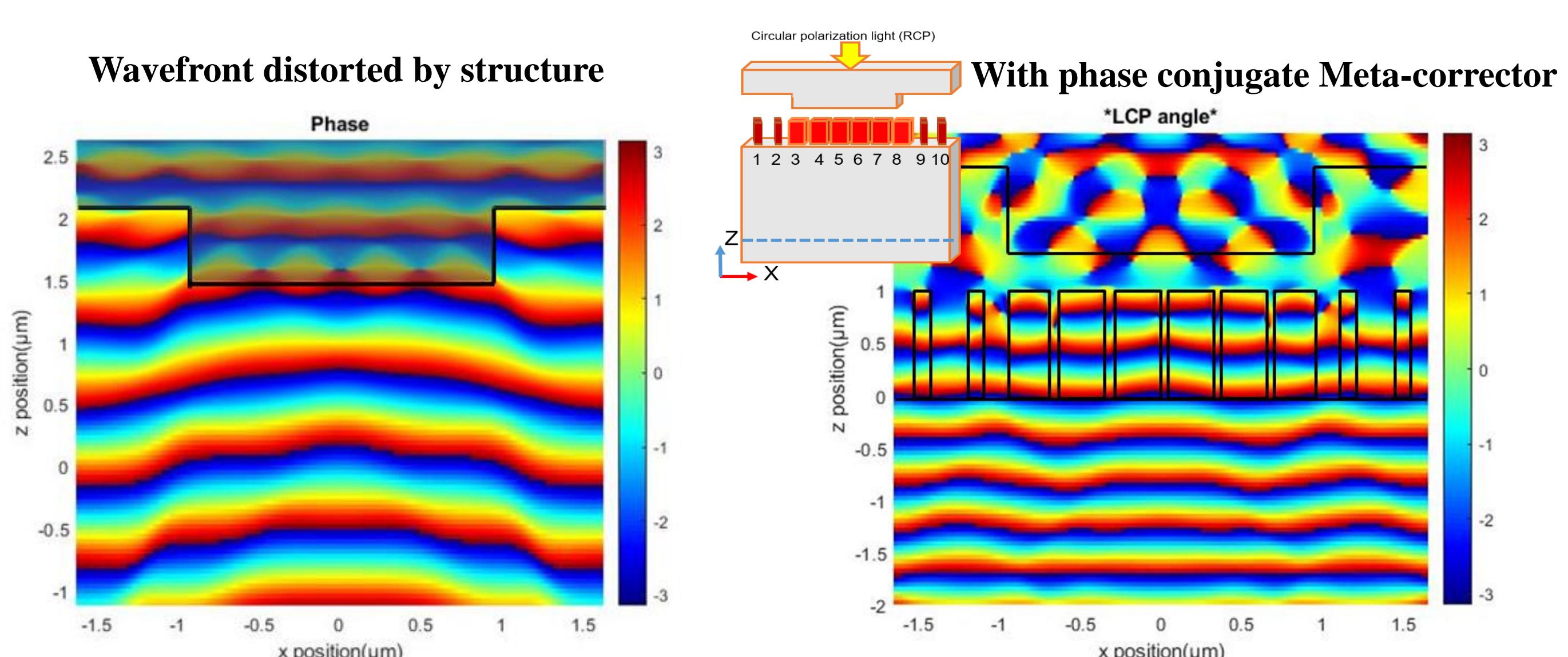


【Diffraction limited metalens based on Free-form Near-field wavefront optimization】

➤ Large FOV metalens: FOV > 45°

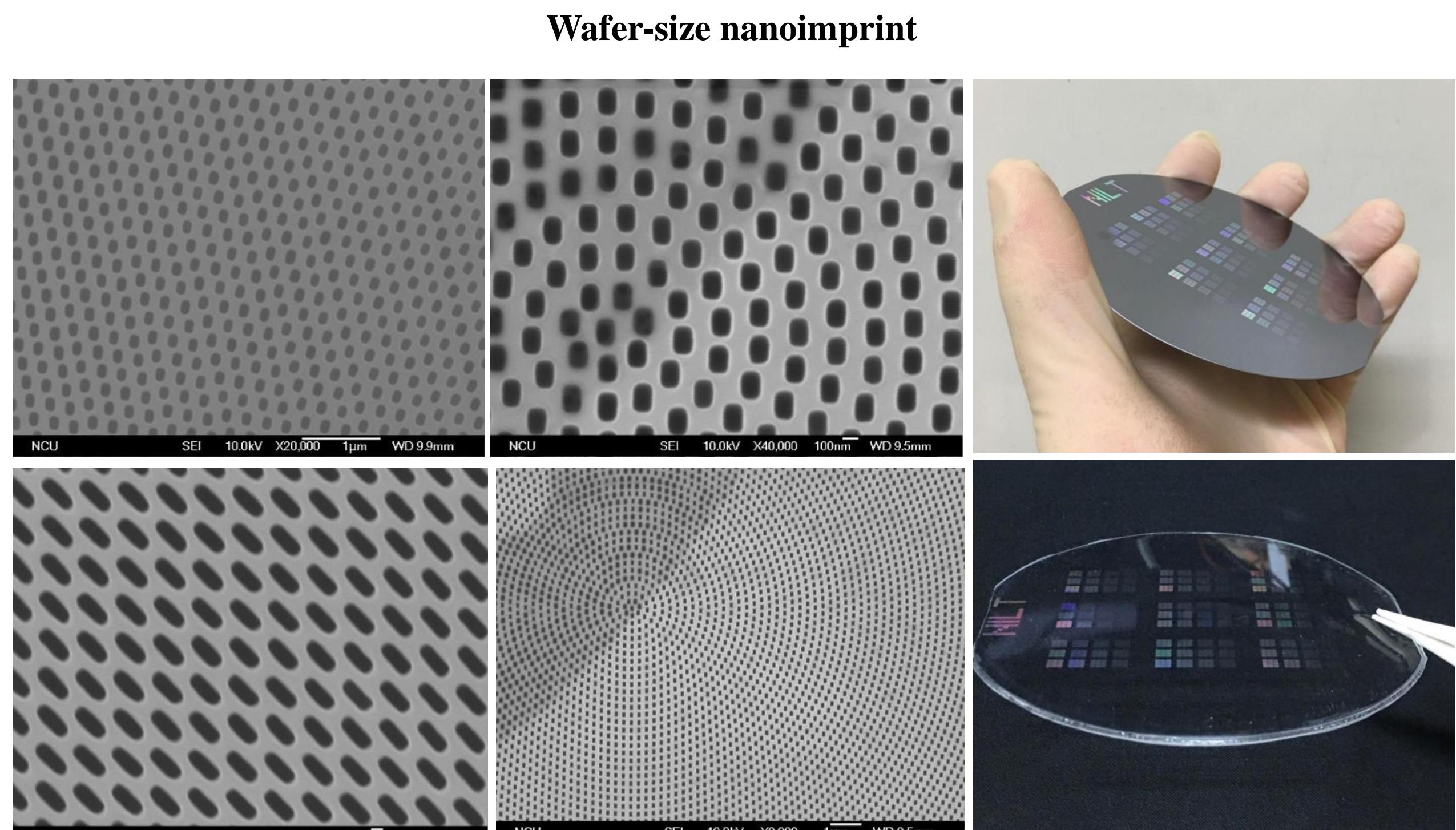


➤ Near-field wavefront optimization for under-screen camera system

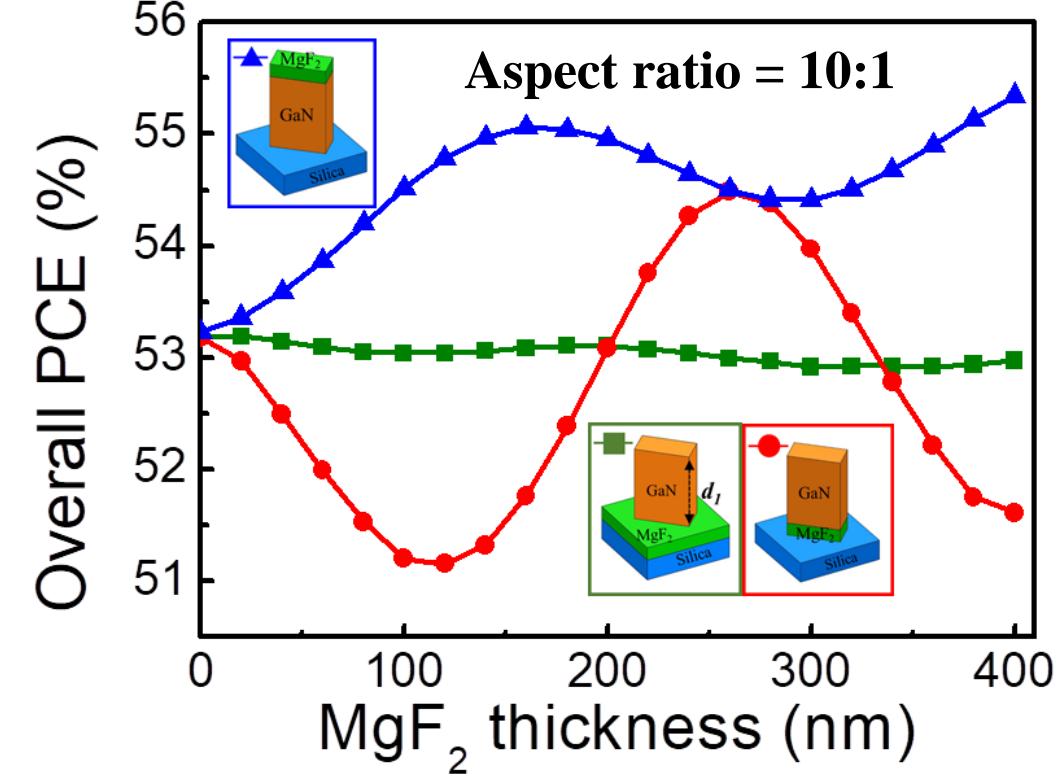


【Dielectric metasurface based on low cost GaN and Nb₂O₅】

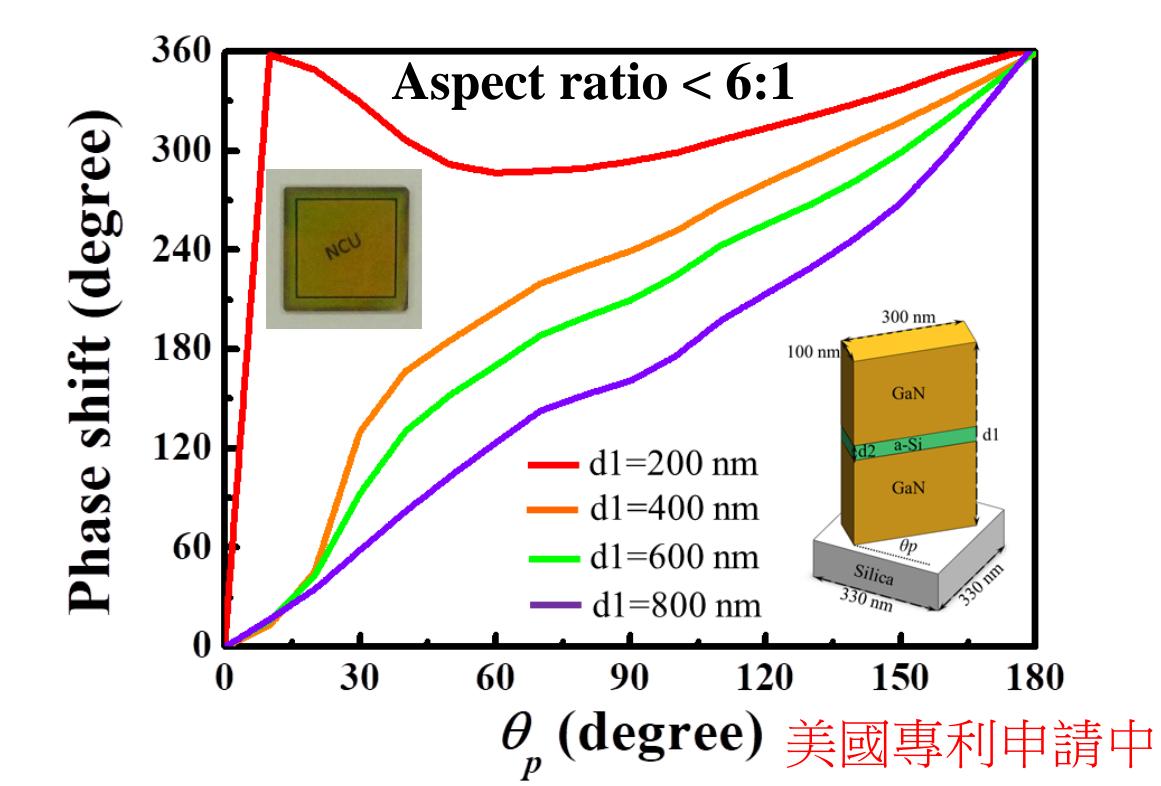
➤ Low cost dielectric metasurface



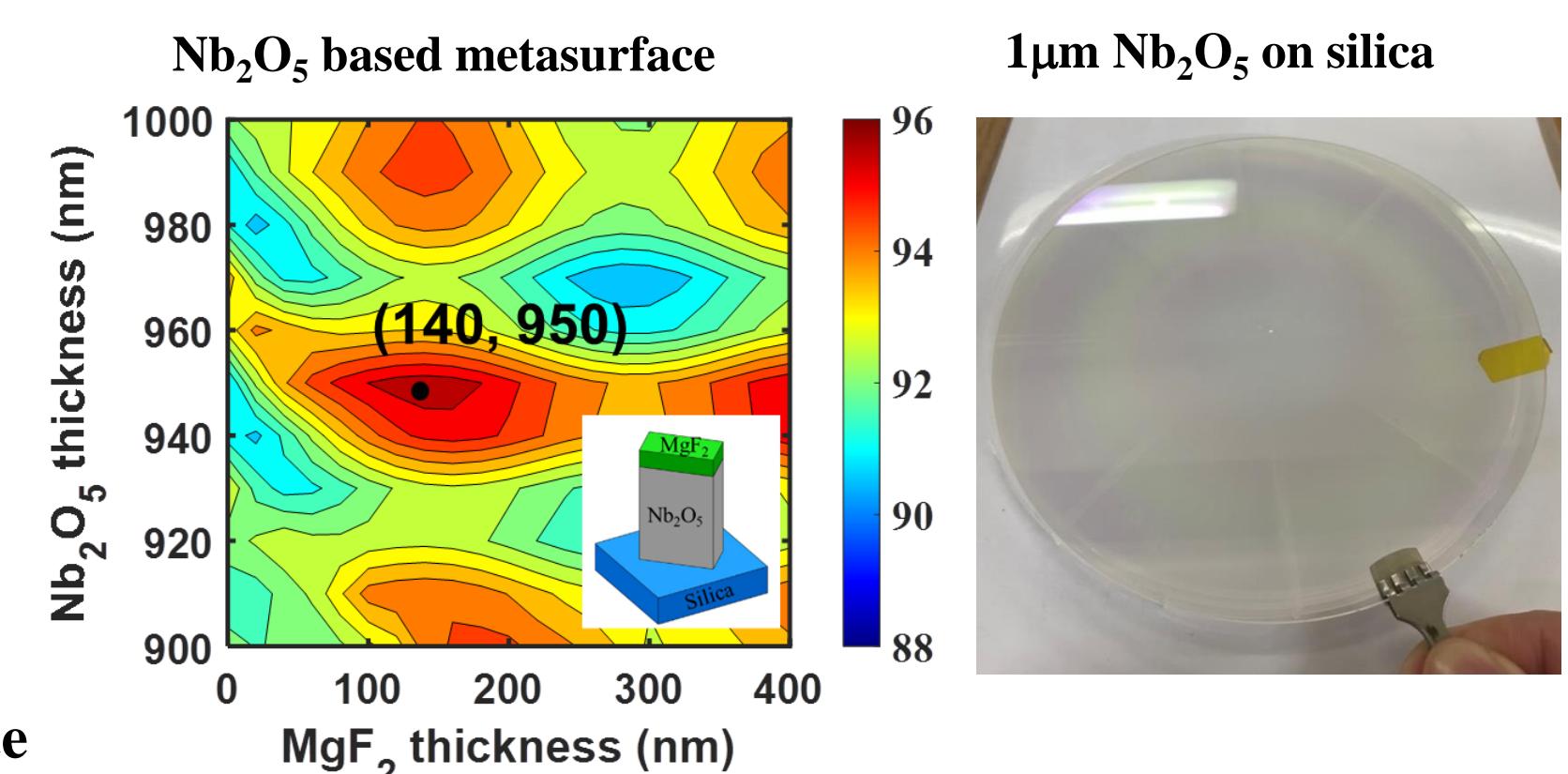
Antireflection layer 美國專利申請中



Low temperature Aspect ratio metasurface

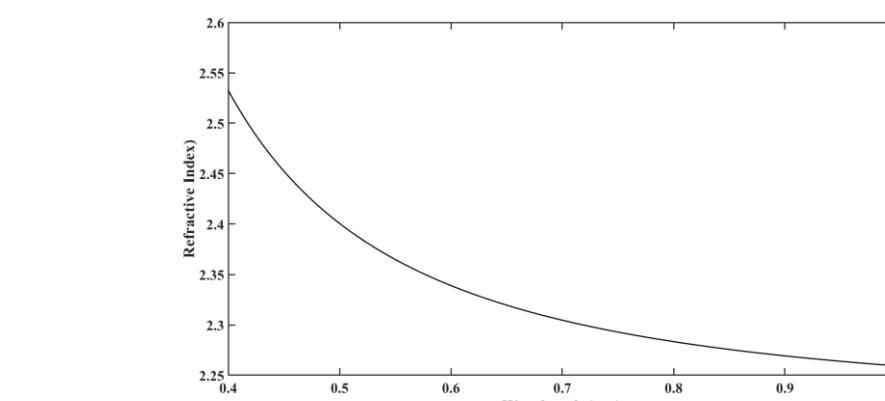


➤ High efficiency metasurface (up to 96%)

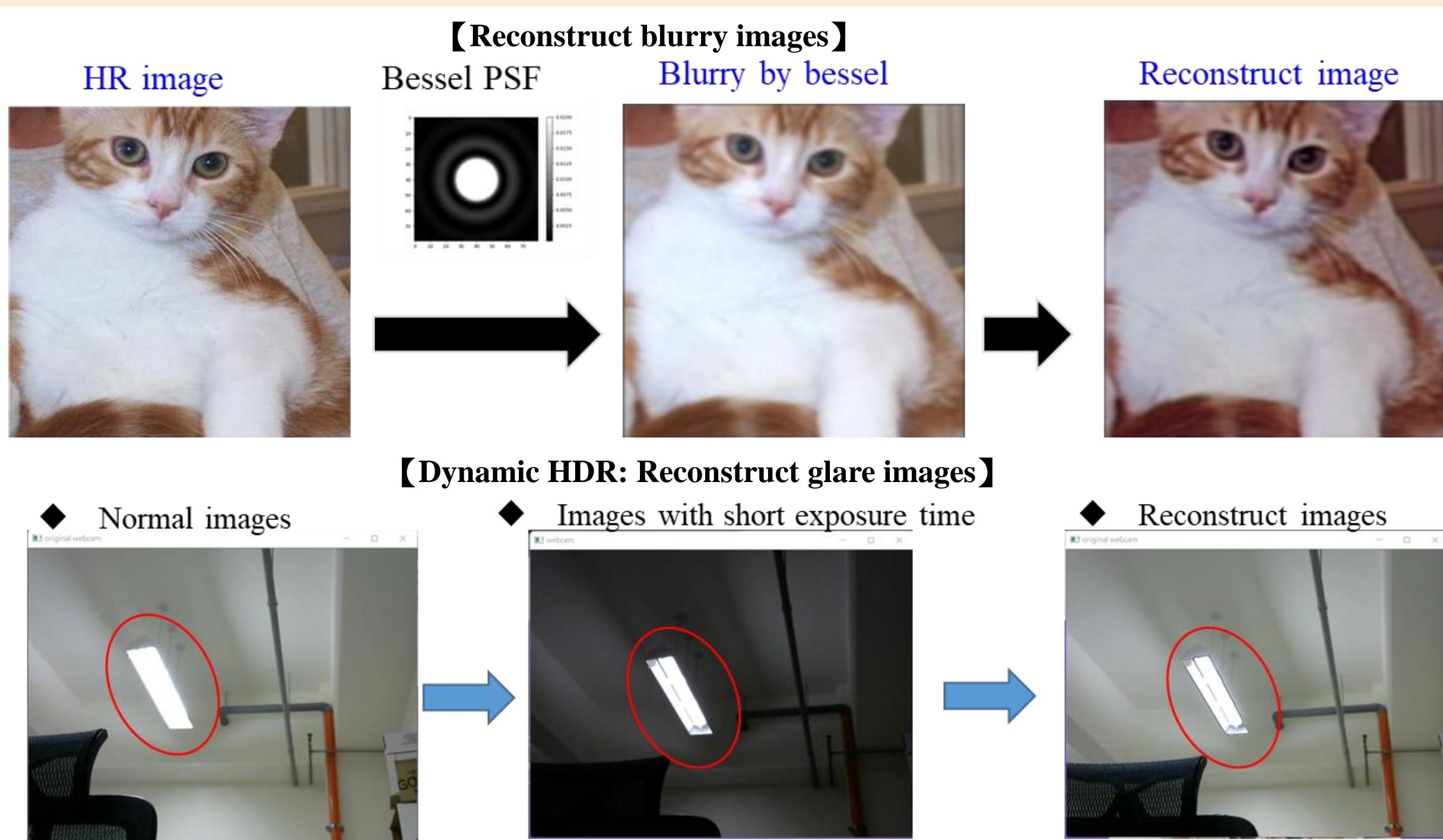


1μm Nb₂O₅ on silica

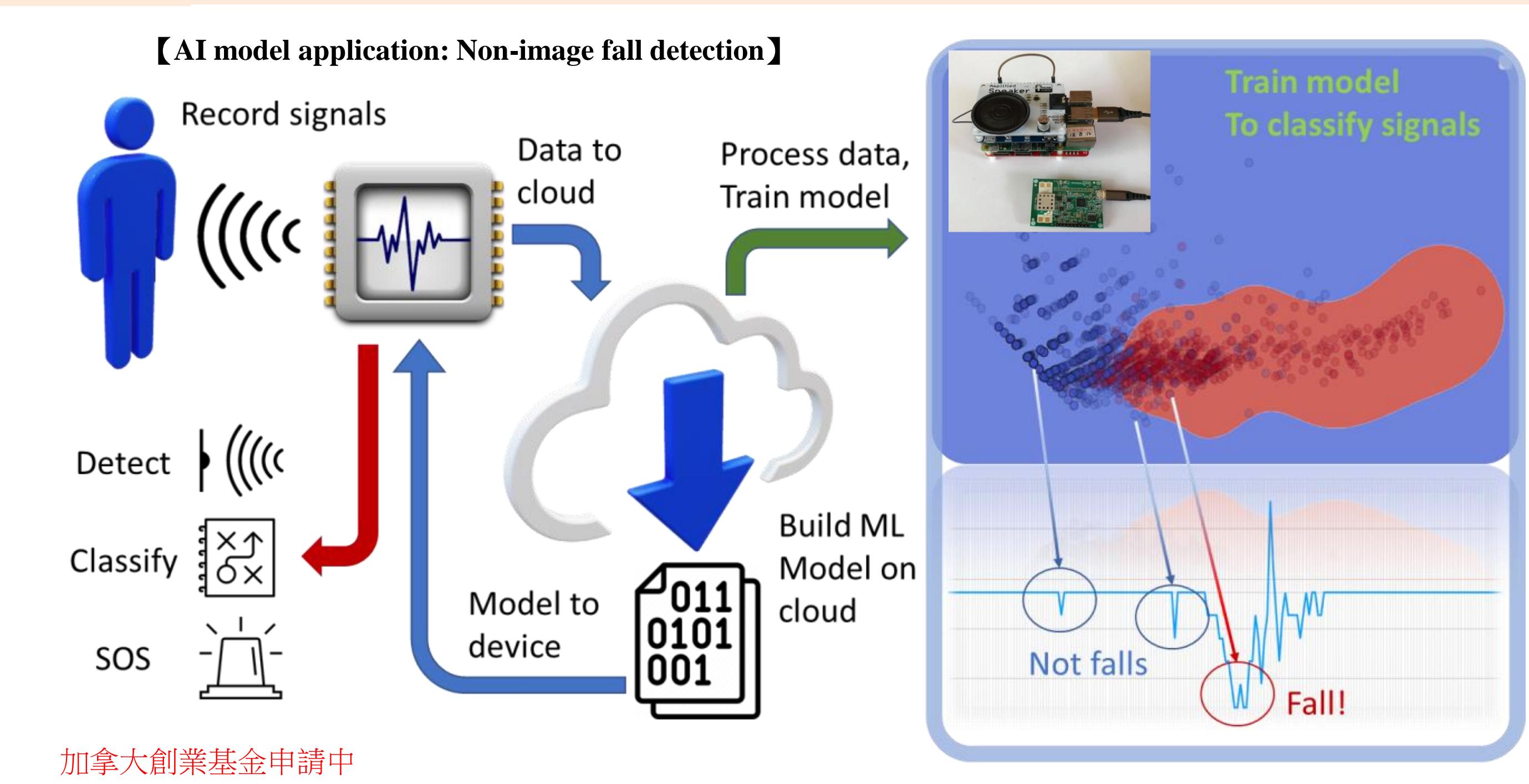
Nb₂O₅ nano-fin



【Under screen AI】



【Commercialization of AI model】



Applied Plasmonic Lab



Department of Optics and Photonics,
National Central University

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Department of Optics and Photonics, NCU