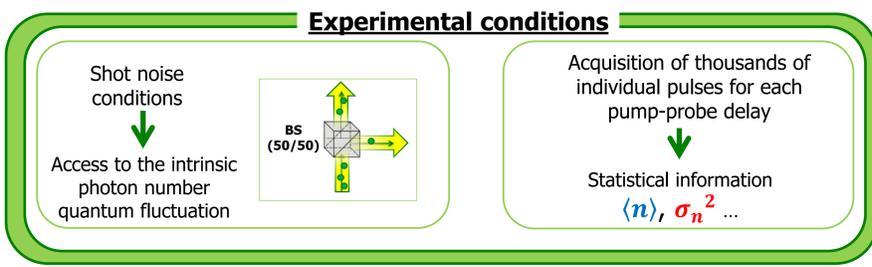
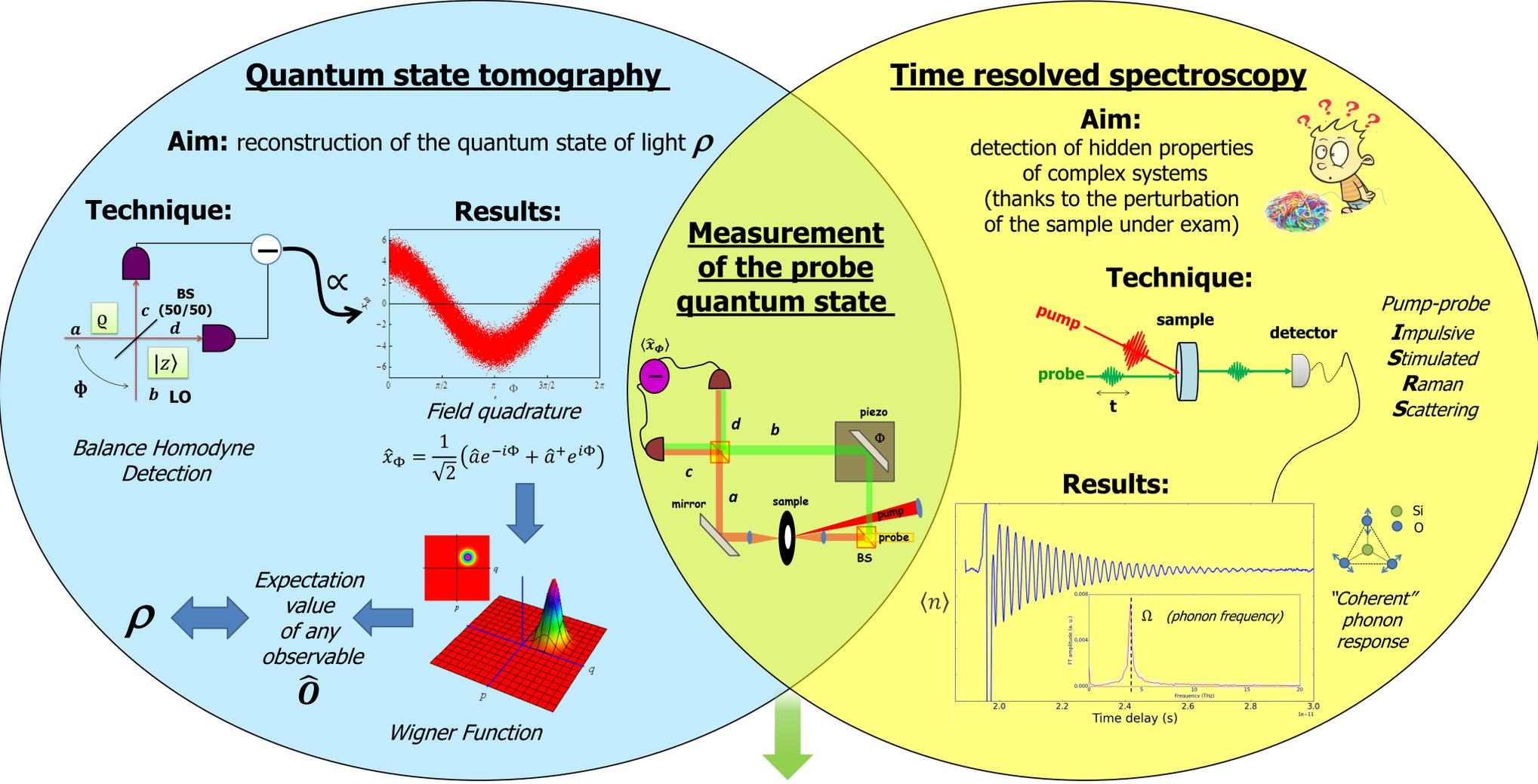
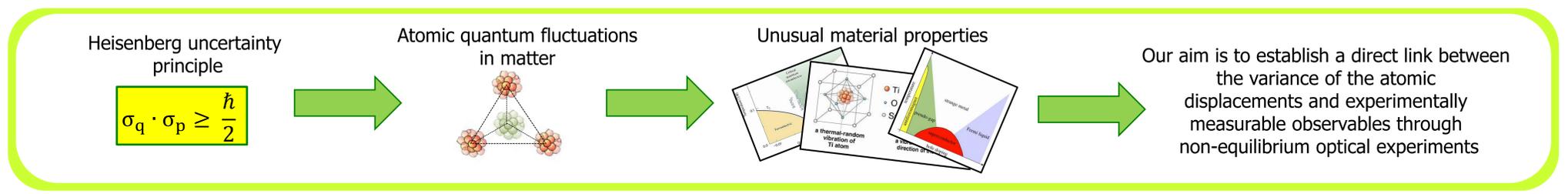


Quantum state tomography applied to time resolved spectroscopy

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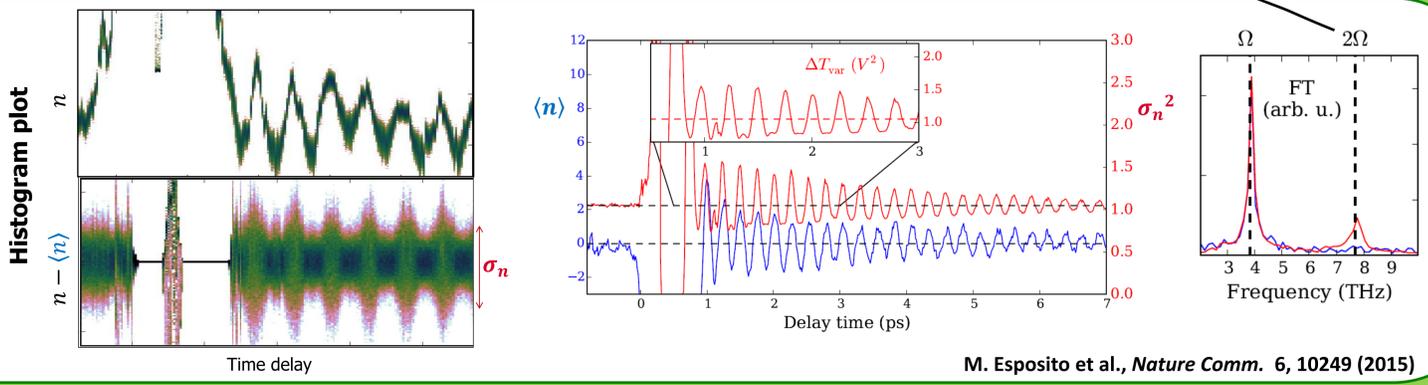
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Results

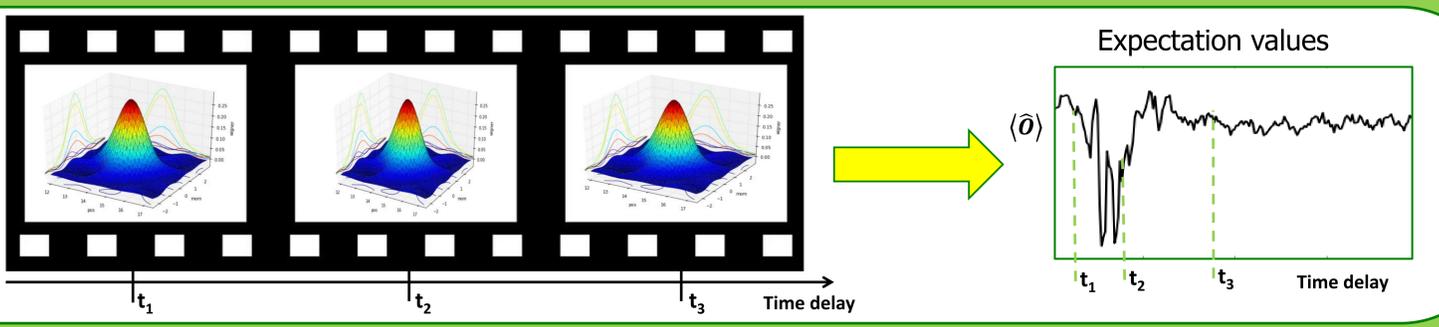
Sample: α -quartz

1- Statistical Measurements



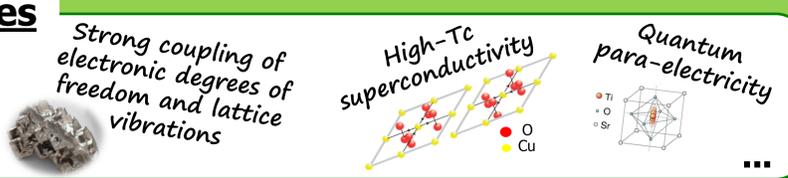
M. Esposito et al., Nature Comm. 6, 10249 (2015)

2- Time resolved quantum state reconstruction



Prospectives

Study of intriguing material properties related to quantum fluctuations



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