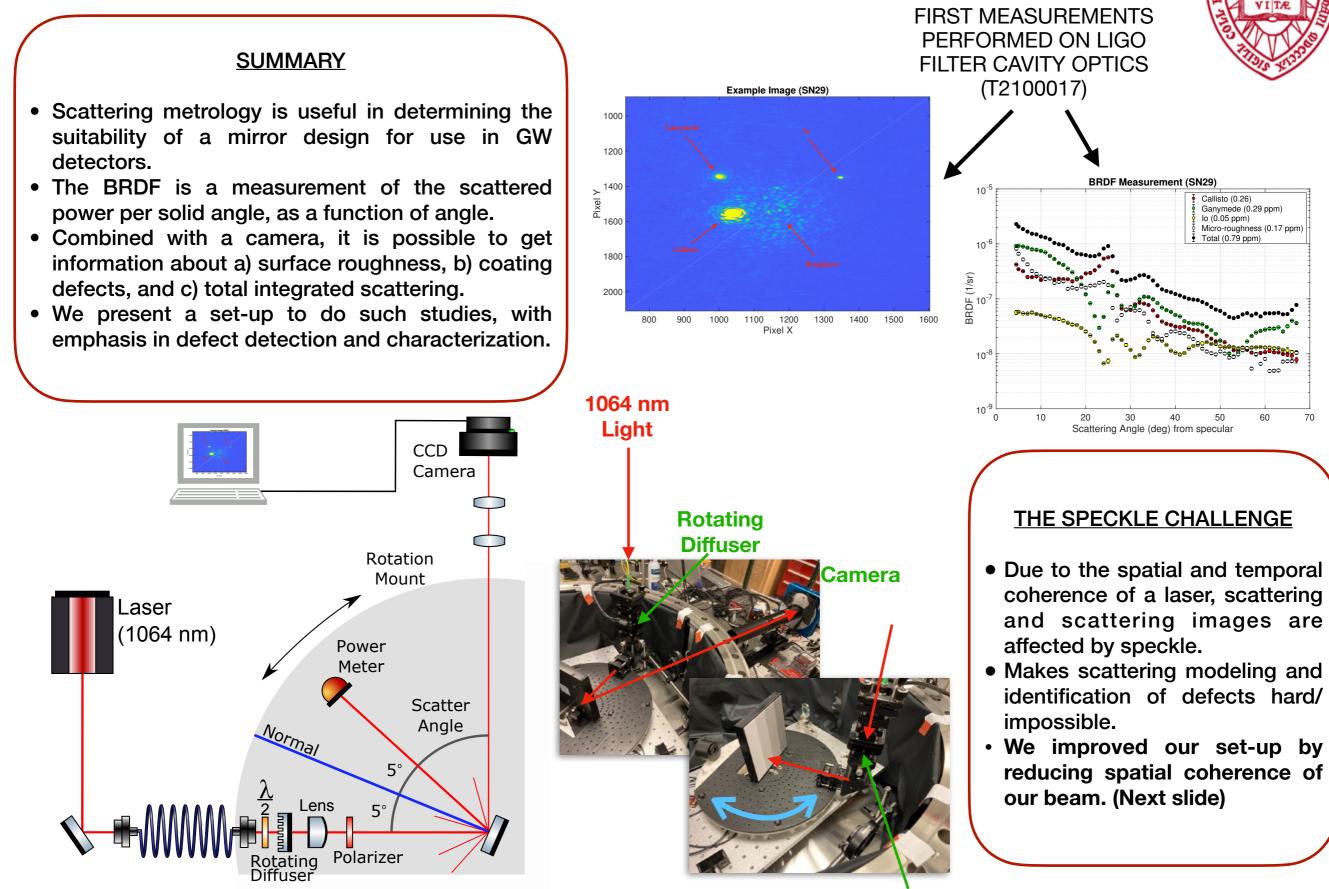
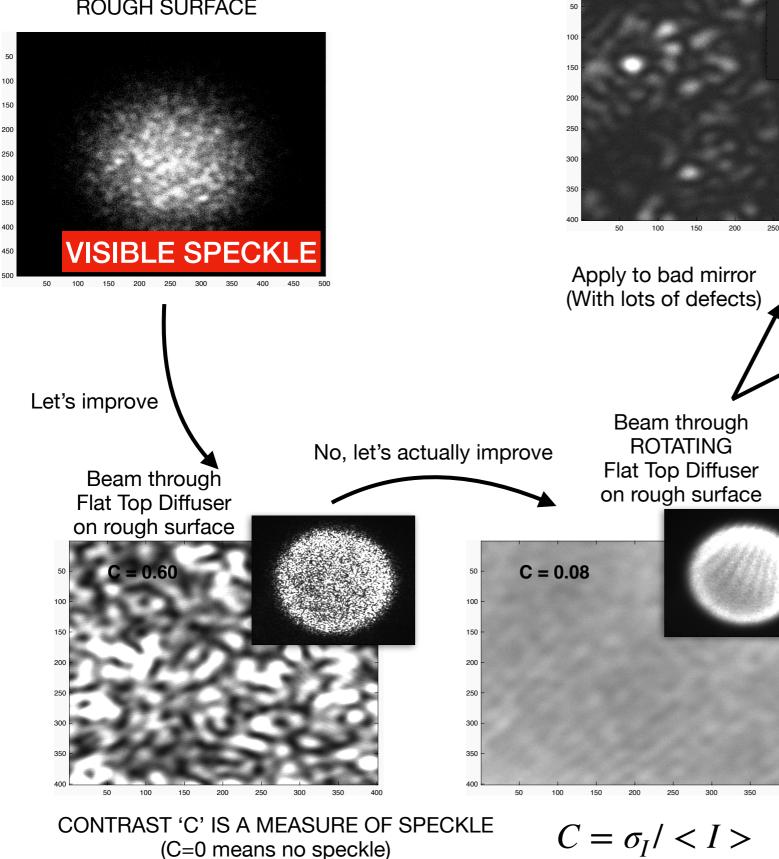
# A new experimental set-up for scattering studies

Antonios Kontos, Bobby King (Bard College)

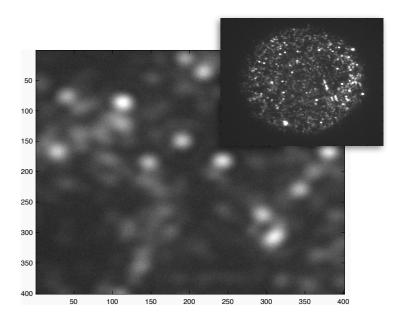


### **ROTATING DIFFUSER TO THE RESCUE**

#### GAUSSIAN BEAM ON ROUGH SURFACE



## Guess which one is with a rotating diffuser.



#### NEAR FUTURE PLANS

- Compare BRDF measurements with diffuse and non-diffuse beam.
- Use advantage to detect defects.
- Model defect scattering as a function of size and depth in coating.
- Study scattering as a function of annealing treatment for GeO2 coatings.