



Effective Optical Systems

Oct 2017 – v0.92

Thematic brokerage workshops

EU Brokerage Event on Kets in Horizon 2020

Strasbourg, 17th October 2017

CLASSIZER™ ONE v0.7

key enabling solution for the characterization and development of products based on micro and nanoparticle in biological, industrial and environmental complex fluids



Marco Potenza, PhD – EOS R&D Supervisor
marco.potenza@eosinstruments.com

WS.4 KETs for Energy and materials characterization FTI

EOS S.r.l. develops novel solutions for the characterization and design of micro and nanoparticles in biological, industrial and environmental complex fluids

December 2016
CLASSIZER™ ONE
CE mark (EN61010...)



2018/Q1
CLASSIZER™ ONE
Beta Product Release



July 2014
EOS S.r.l. foundation
Innovative Startup

2014-2016
SPES Production
Design & Prototype
Validation

2017-2018/Q1
Betatesting of **CLASSIZER™ ONE**



SME Instrument Ph1
approved

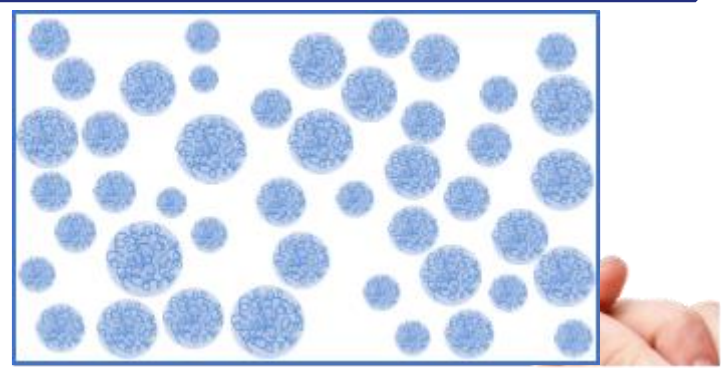
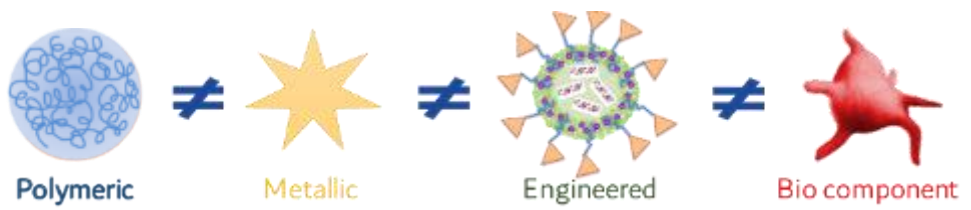


**EOS S.r.l. IS AVAILABLE
AS A PARTNER FOR
PROJECTS WHERE
PARTICLE ANALYSIS
IN COMPLEX MEDIA
IS REQUIRED**



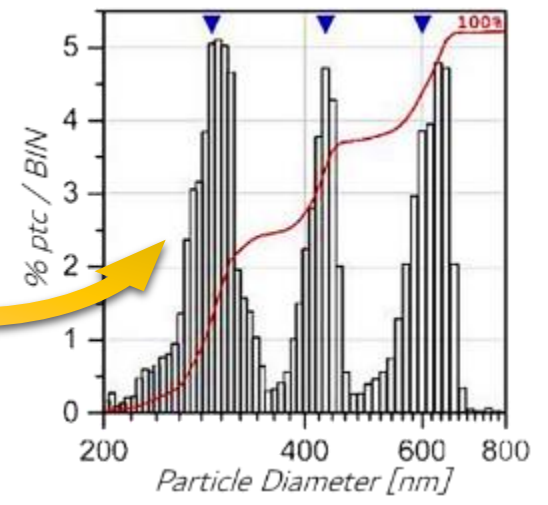
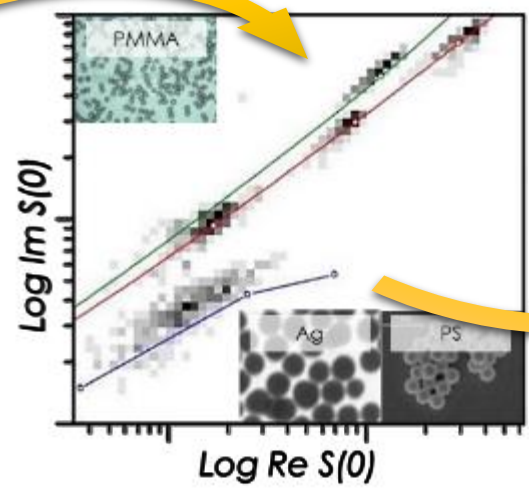
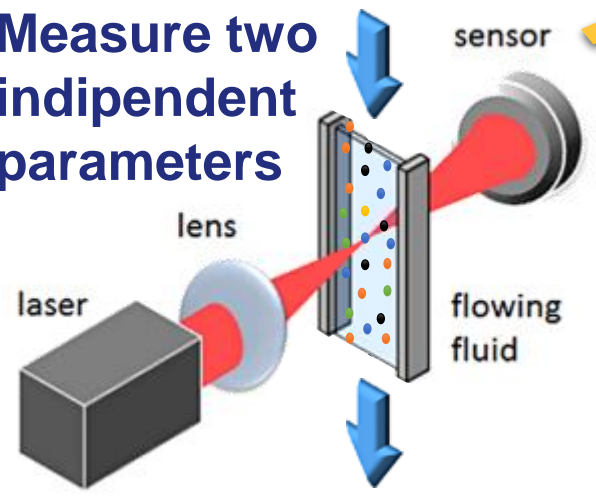
Traditional Technologies for Particle Sizing Limits

Measure one parameter > consider ALL particles as perfect, uniform spheres, one material



CLASSIZER™ ONE v.07 – Single Particle Extinction & Scattering (SPES) patented technology

Measure two independent parameters



Early R&D

- High size resolution
- Structural Studies
- Materials classification



Advanced R&D

- Works in Complex fluids
- No purification or filtration
- Aggregation, degradation & Wetting characterization



Product QC

- Real time
- On-line
- In-line





Effective Optical Systems

Dr. Marco Potenza

EOS R&D Supervisor

marco.potenza@eosinstruments.com

viale Ortles 22/4, 20139 Milano (Mi) – Italy

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