

# Orienta Tesi

*Cdl Chimica e  
Scienze Chimiche*



chimica\_unibas



CdL Chimica Unibas

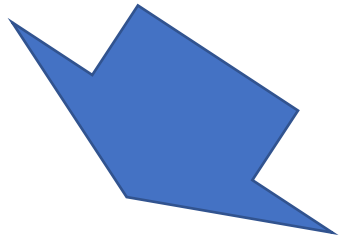
"Scegli i tuoi  
esperimenti"



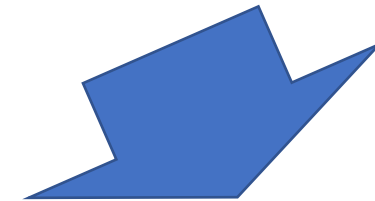
**Sintesi LASER assistita di materiali  
nanostrutturati con applicazioni tecnologiche  
avanzate**



**Ablazione LASER**

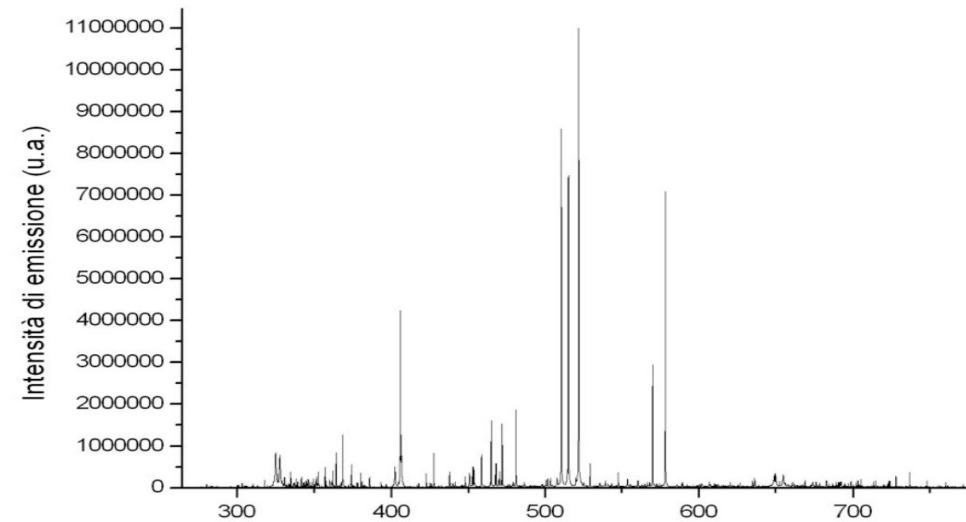
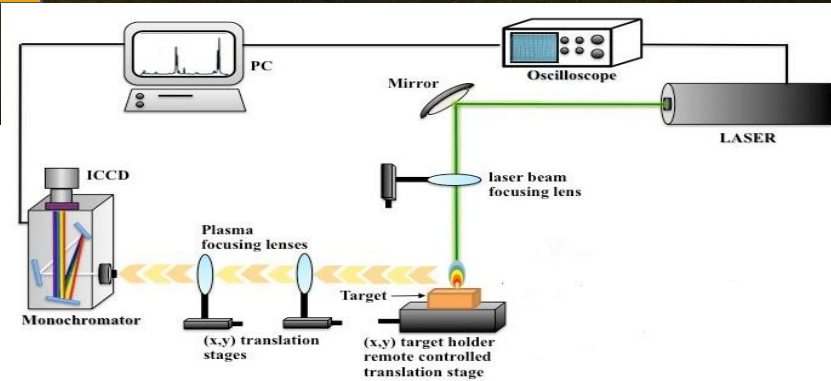
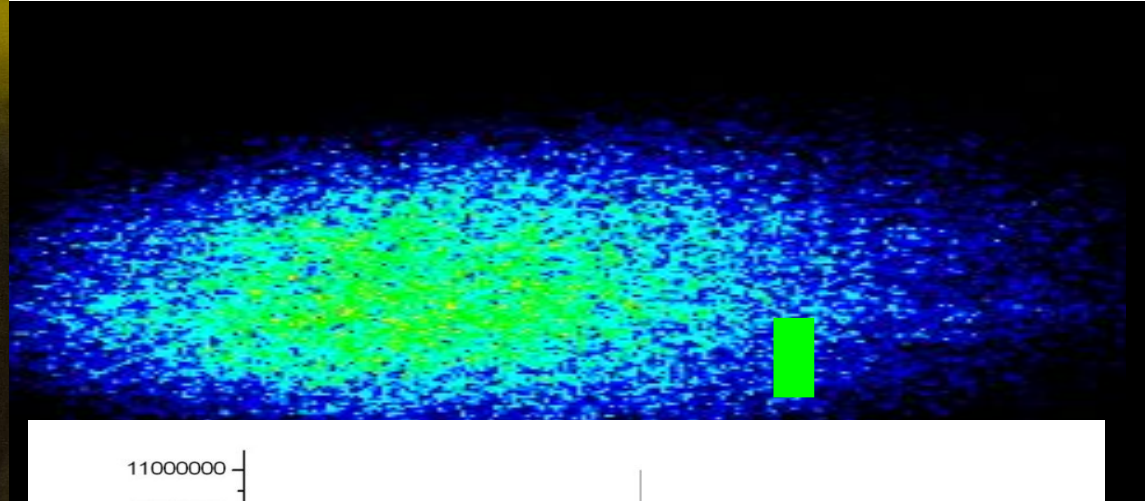
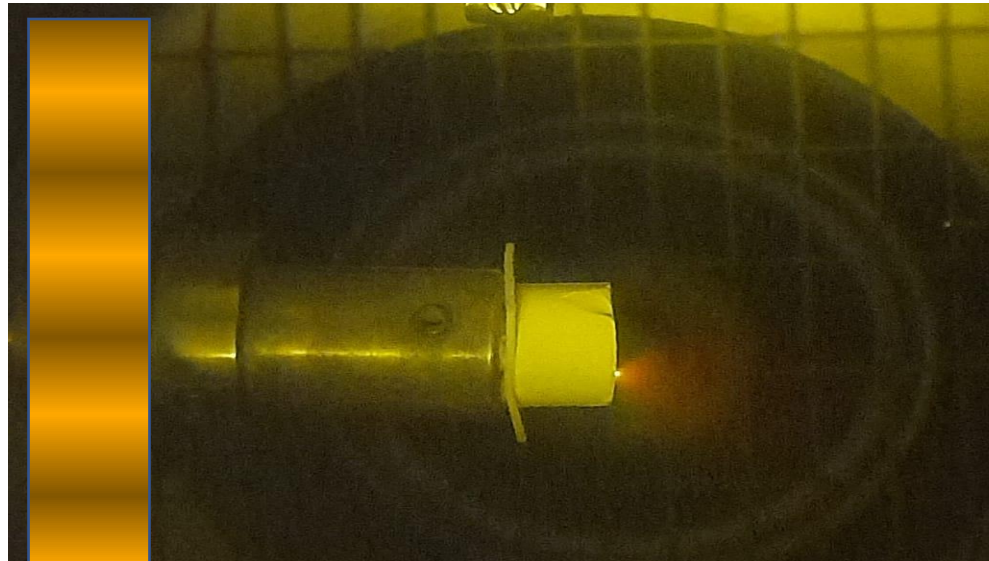


**In vuoto (gas)  
PLD**

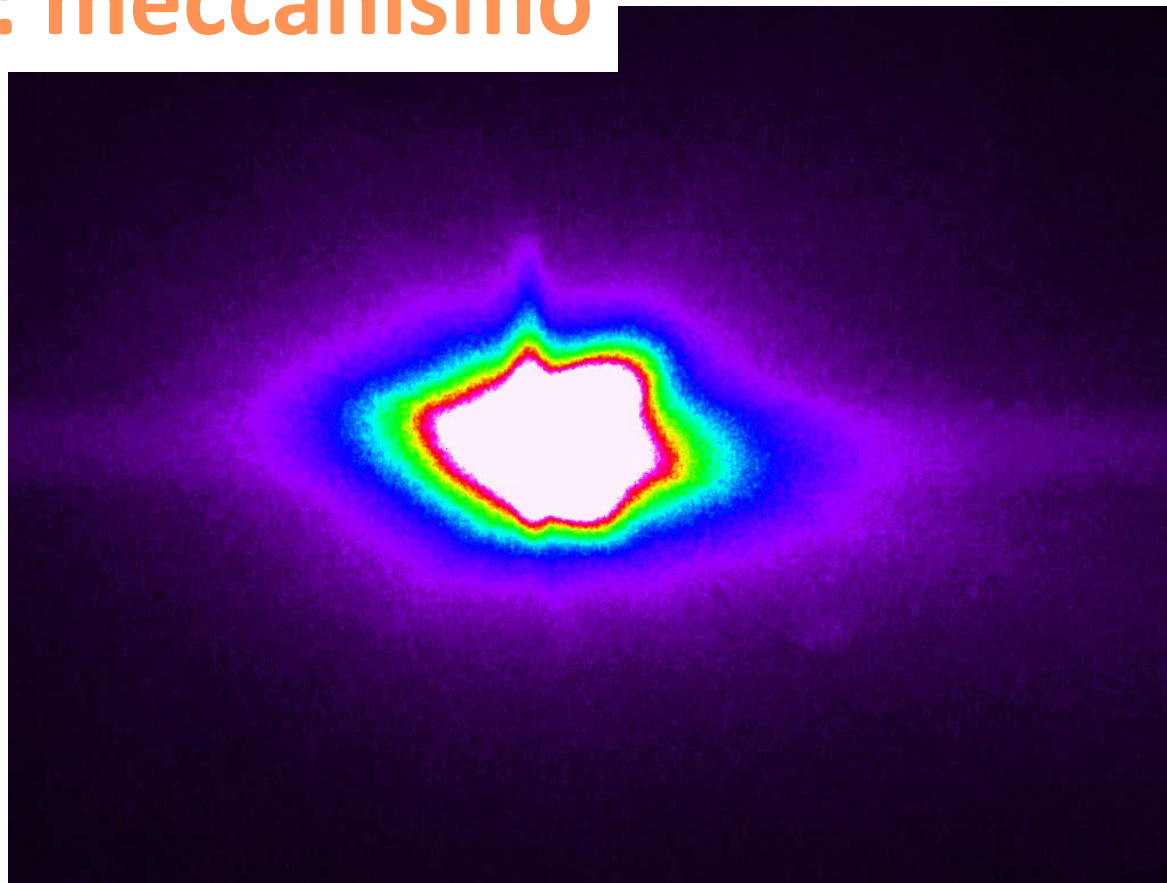


**In liquido (LAL)**

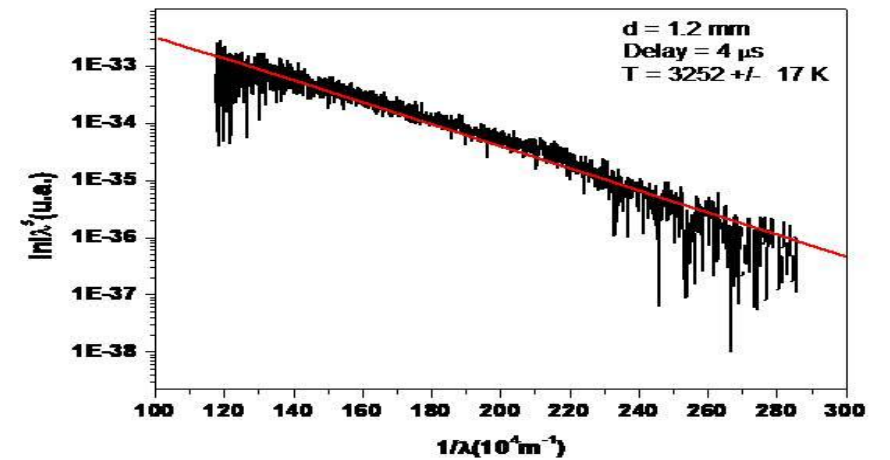
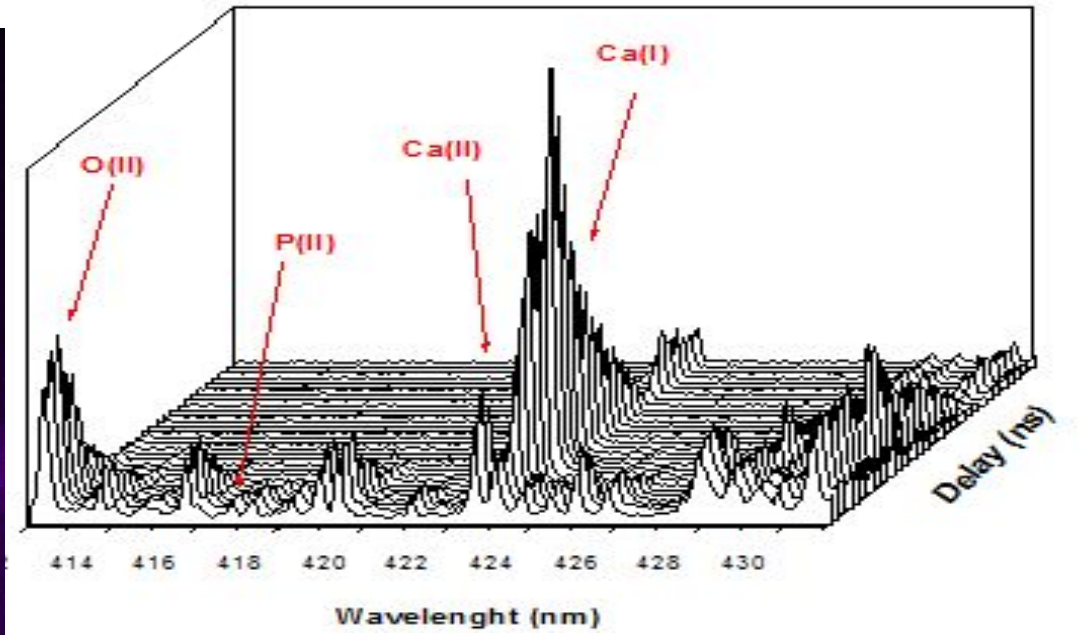
# PLD: caratterizzazione del processo di ablazione



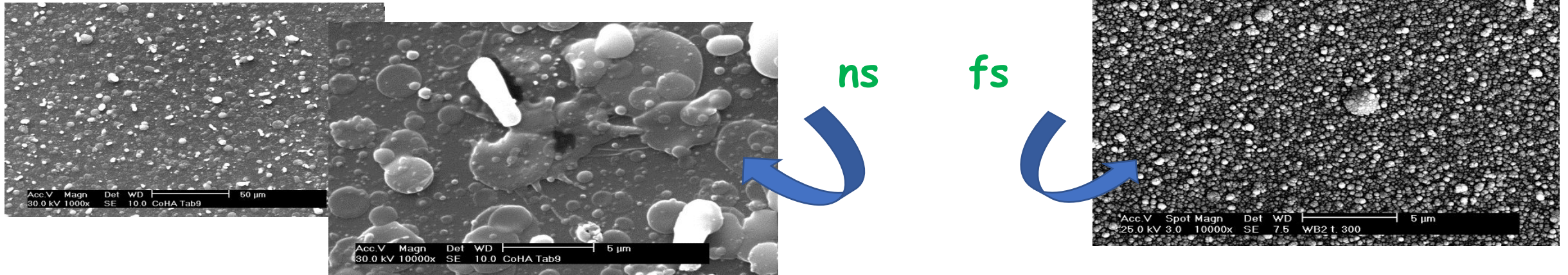
# PLD: meccanismo



1 cm



# PLD: film



## Biomateriali:

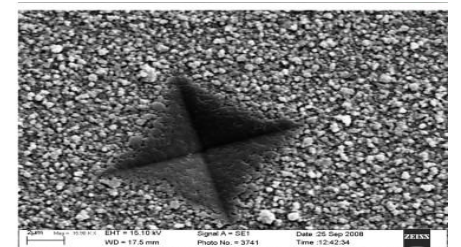
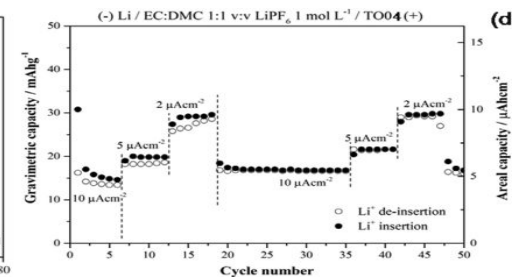
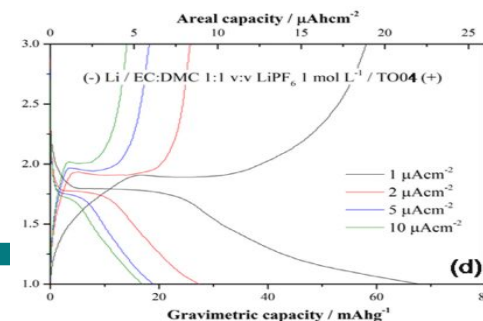
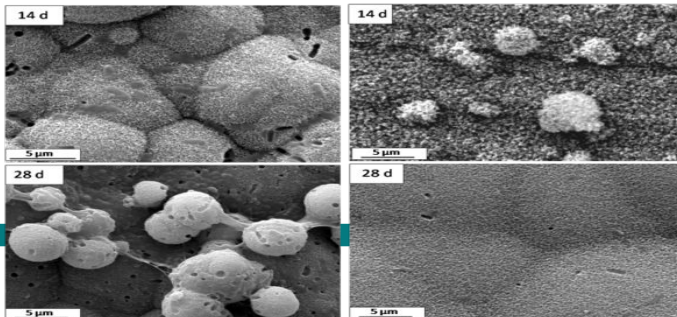
- HA
- Bioglass
- TCP

## Materiali elettroattivi:

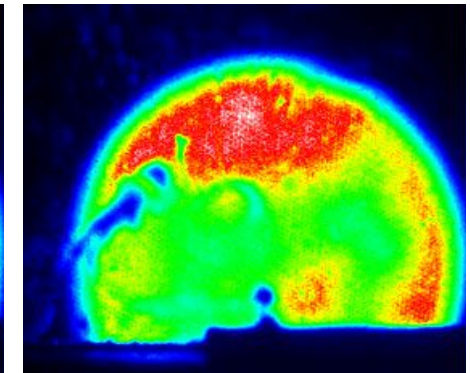
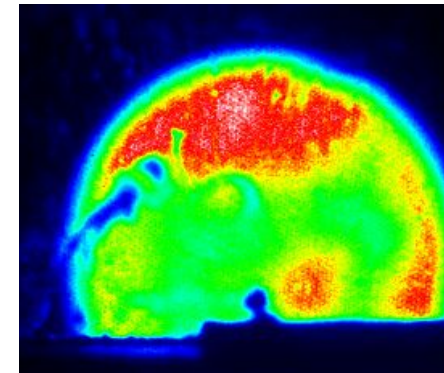
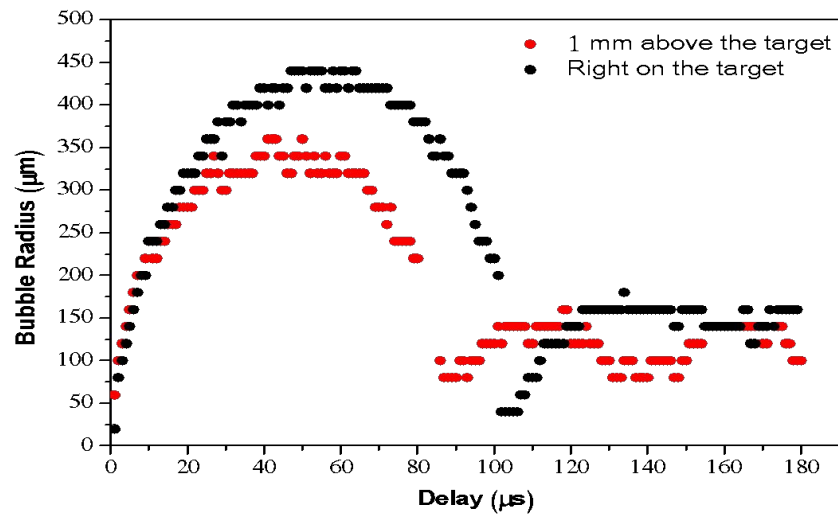
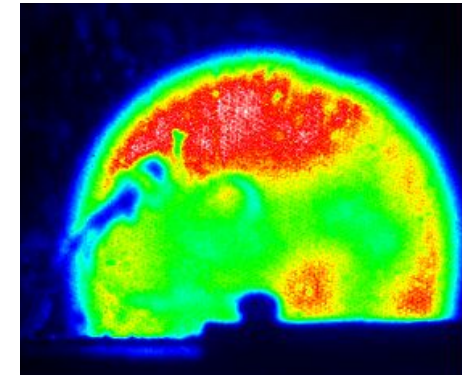
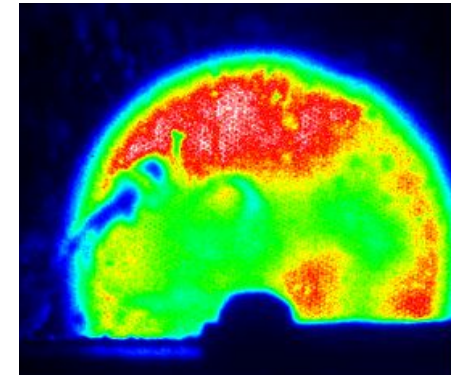
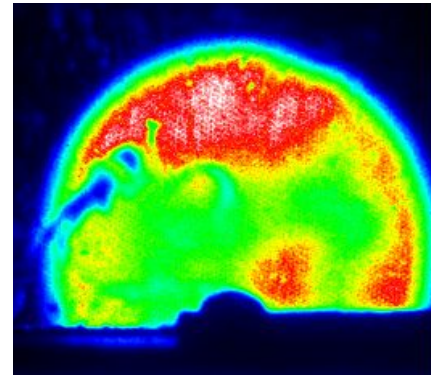
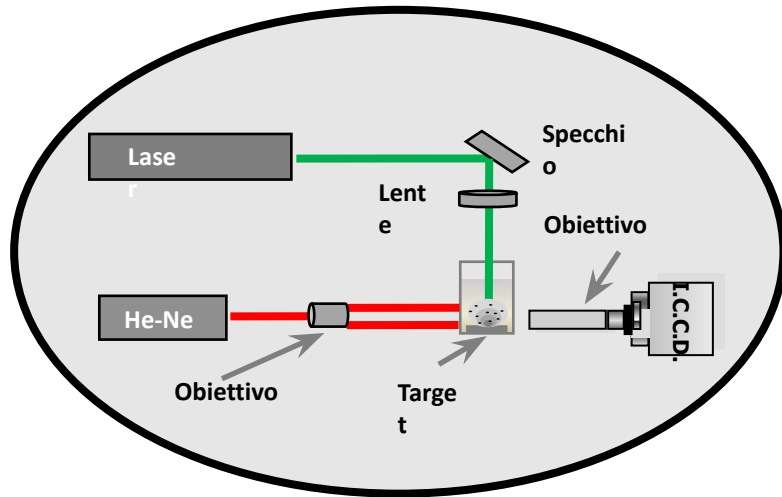
- Catodici (LFCP)
- Anodici (ossidi)
- Elettroliti (LLZTO)

## Superduri:

- Carburi
- Boruri

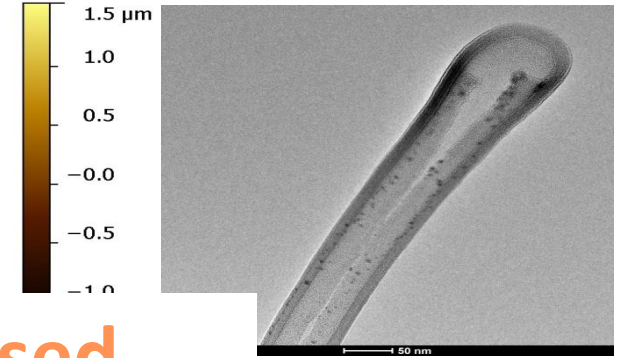
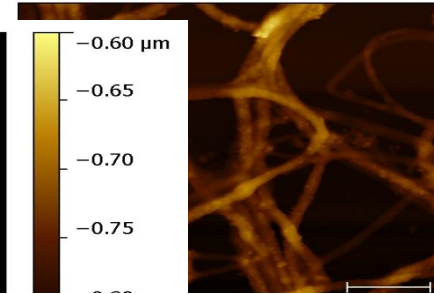
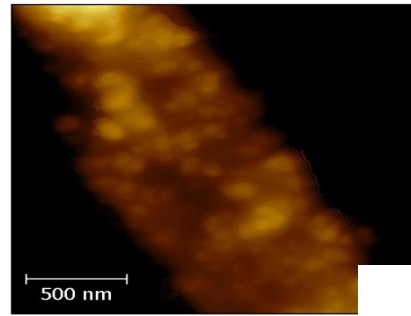
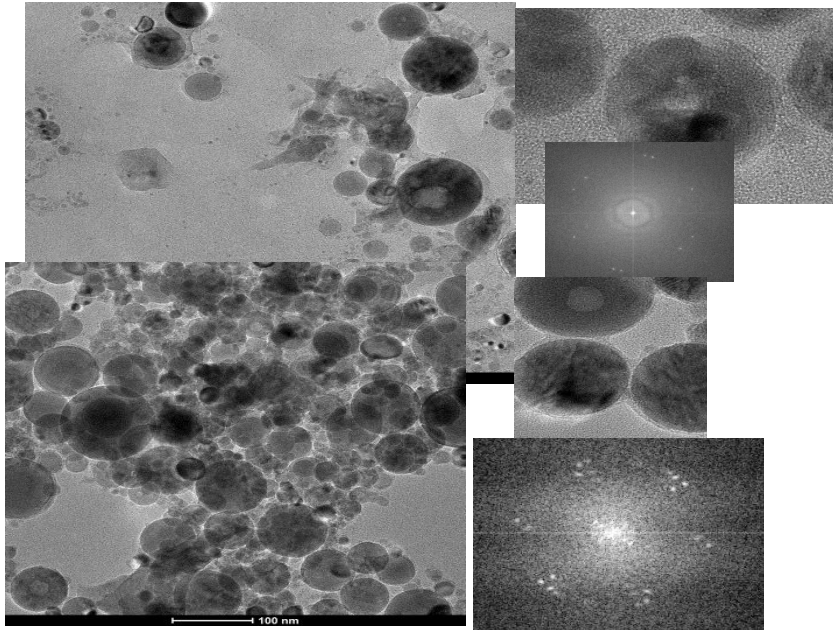


# LAL: processo di ablazione



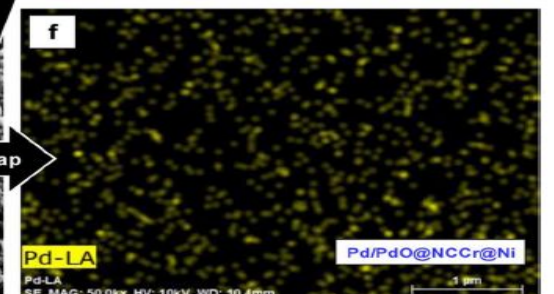
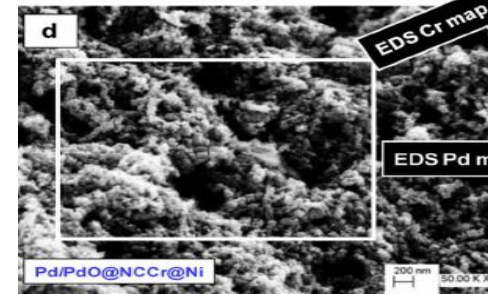
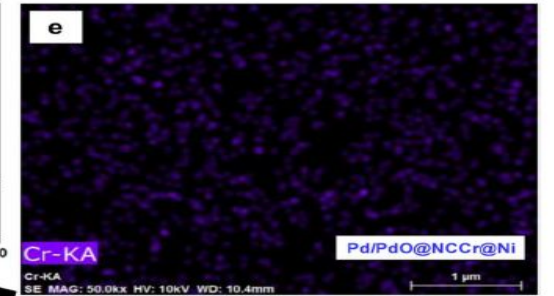
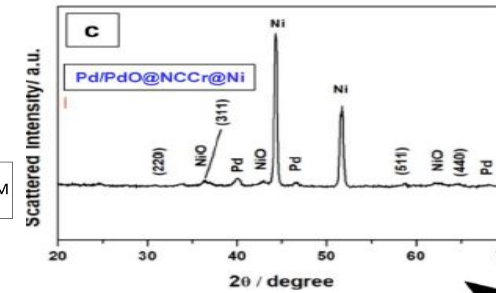
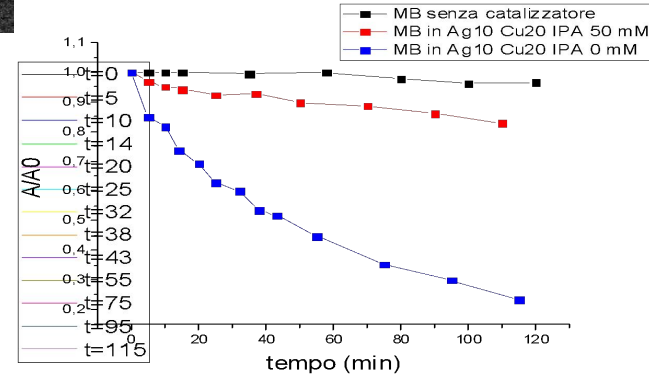
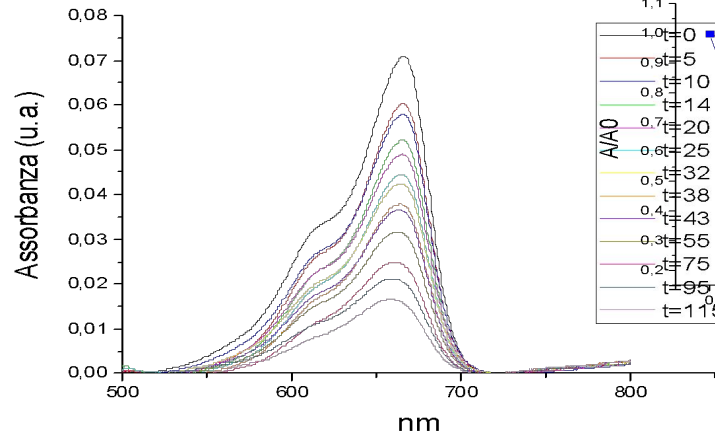
# LAL: prodotti

## Metalli



## Carbon-based

## Attività catalitica



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 Dott.ssa M. Curcio  
 Sig. A. Galasso

