



Cavezzo: la doppia faccia di una meteorite

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4 Gennaio ⇒ ritrovamento



4 Gennaio



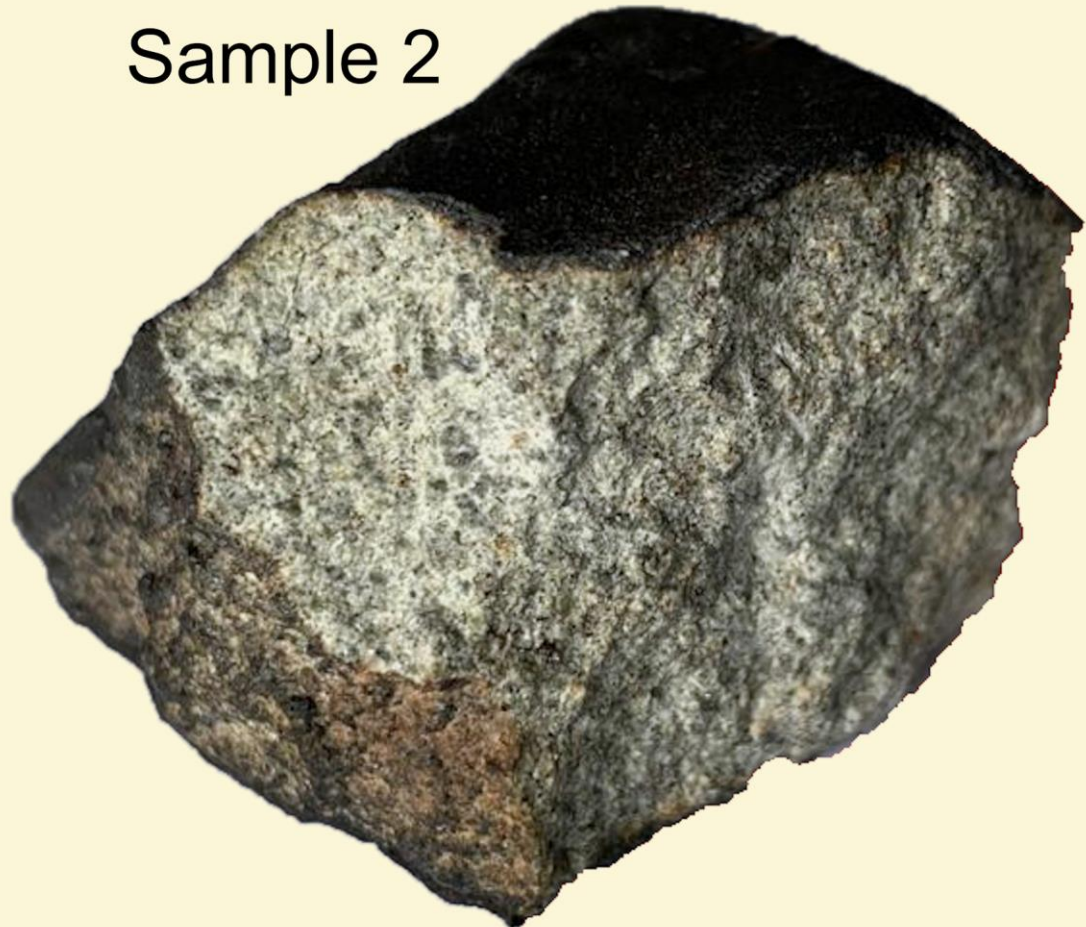
ritrovamento

Sample 1



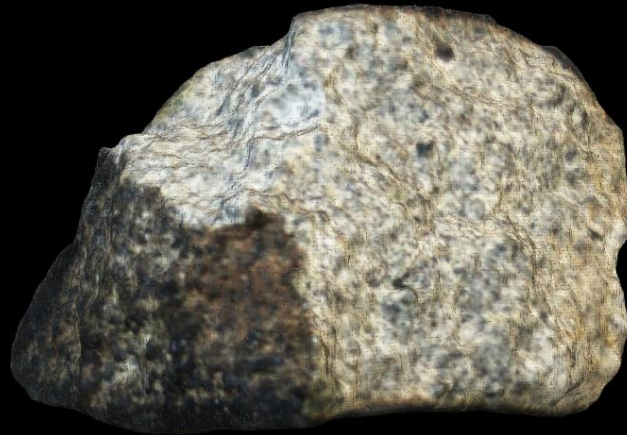
1 cm

Sample 2

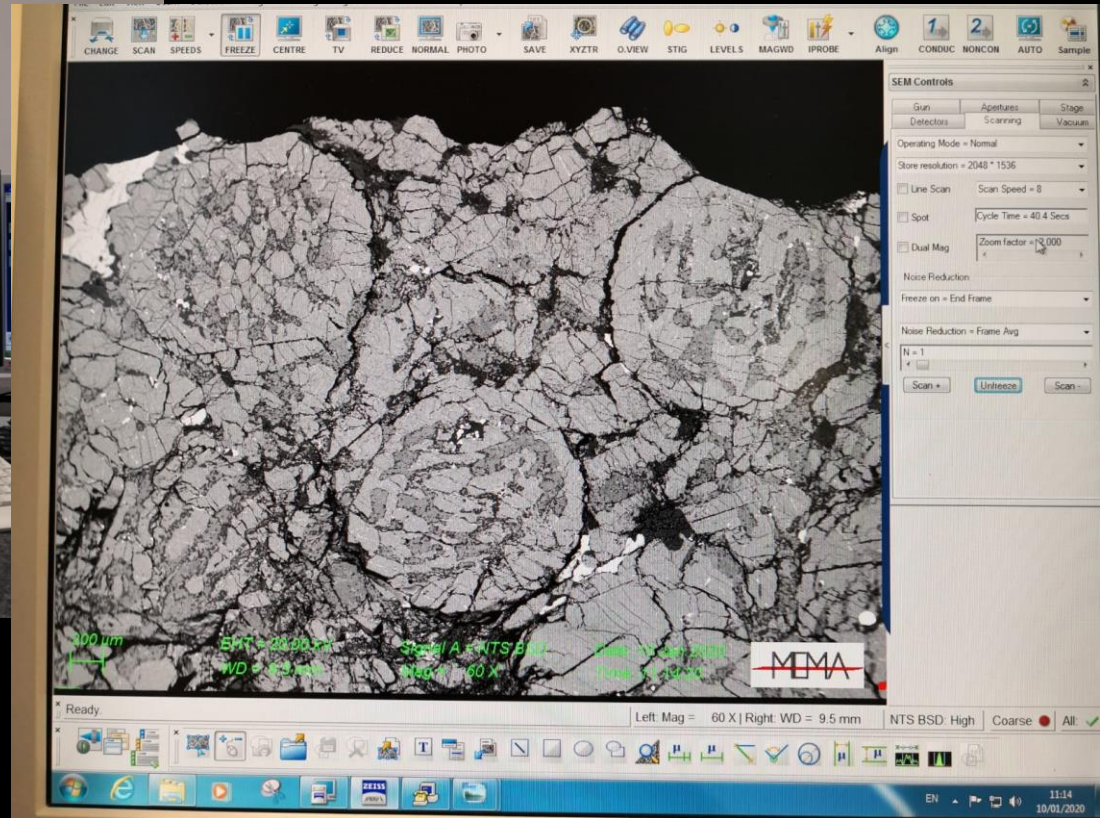
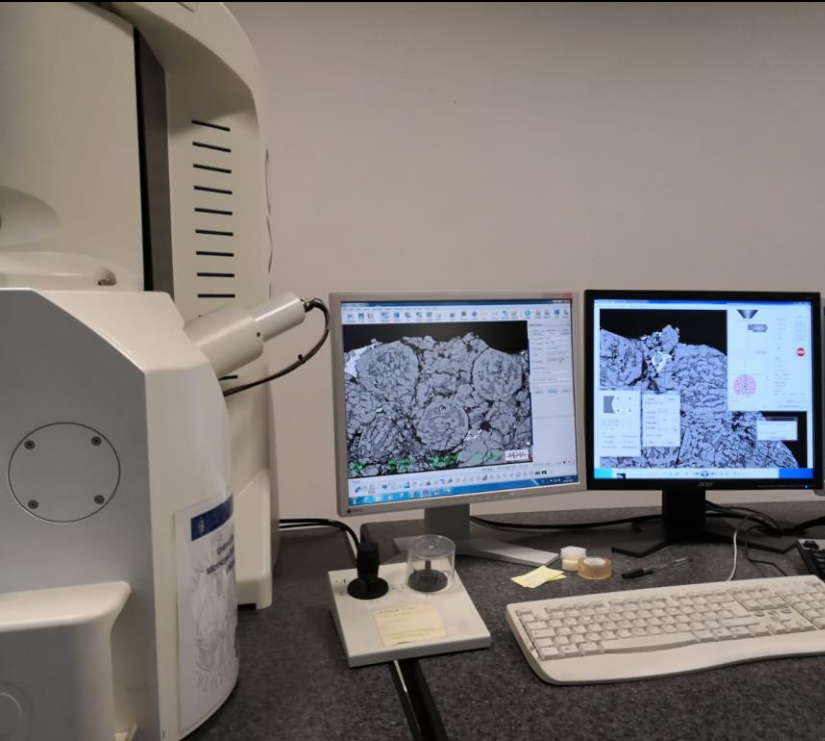


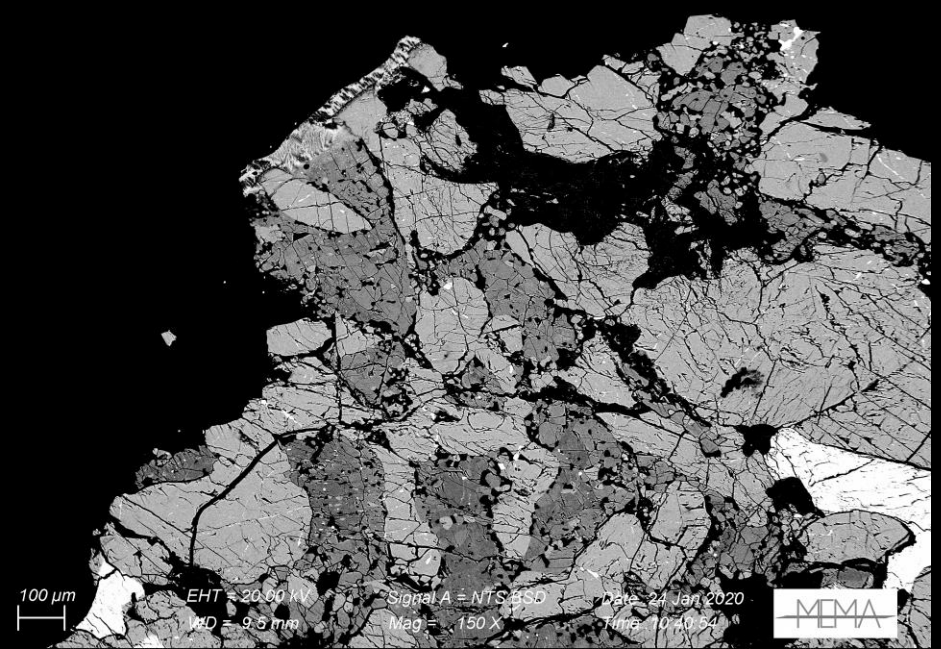
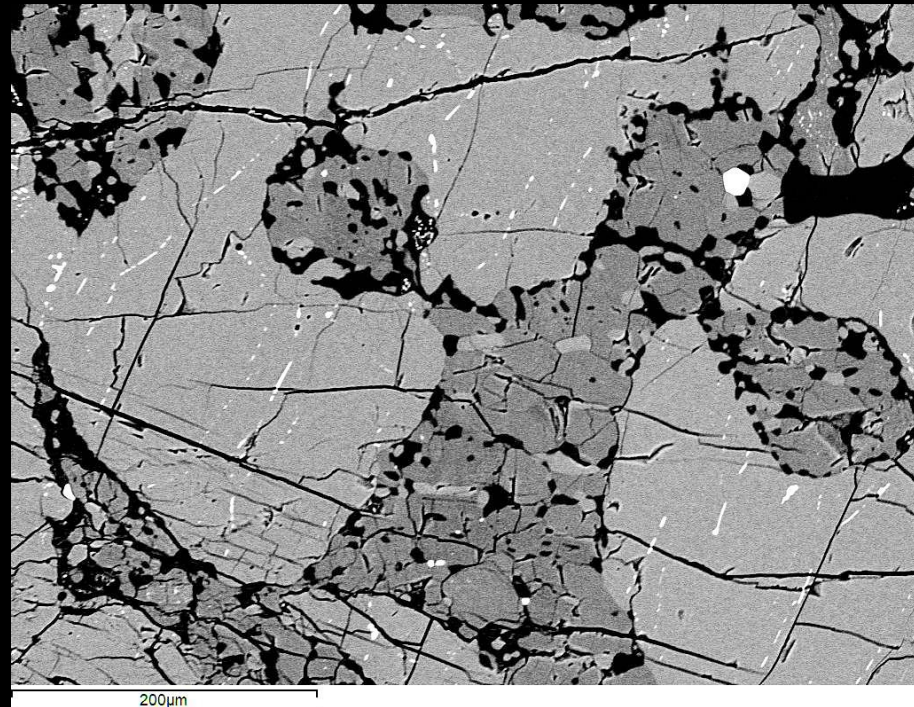
- Caratterizzazione fisica e morfometrica (UniFi)
- Radioisotopi cosmogenici (INAF – UniTo)
- Analisi petrografiche (UniFi)
- Analisi mineralogiche (UniFi)
- Analisi cristallografiche (UniFi e OU)
- Elementi minori e in tracce nel bulk (OU)
- Composizione isotopica ossigeno (OU)
- Gas nobili (ETH)
- Spettroscopia riflettanza VIS-NIR (INAF)
- Crosta di fusione (UniFi-UniCam)

7 Gennaio \Rightarrow scansione 3D I.s.



Gennaio ⇒ analisi SEM sul campione 1





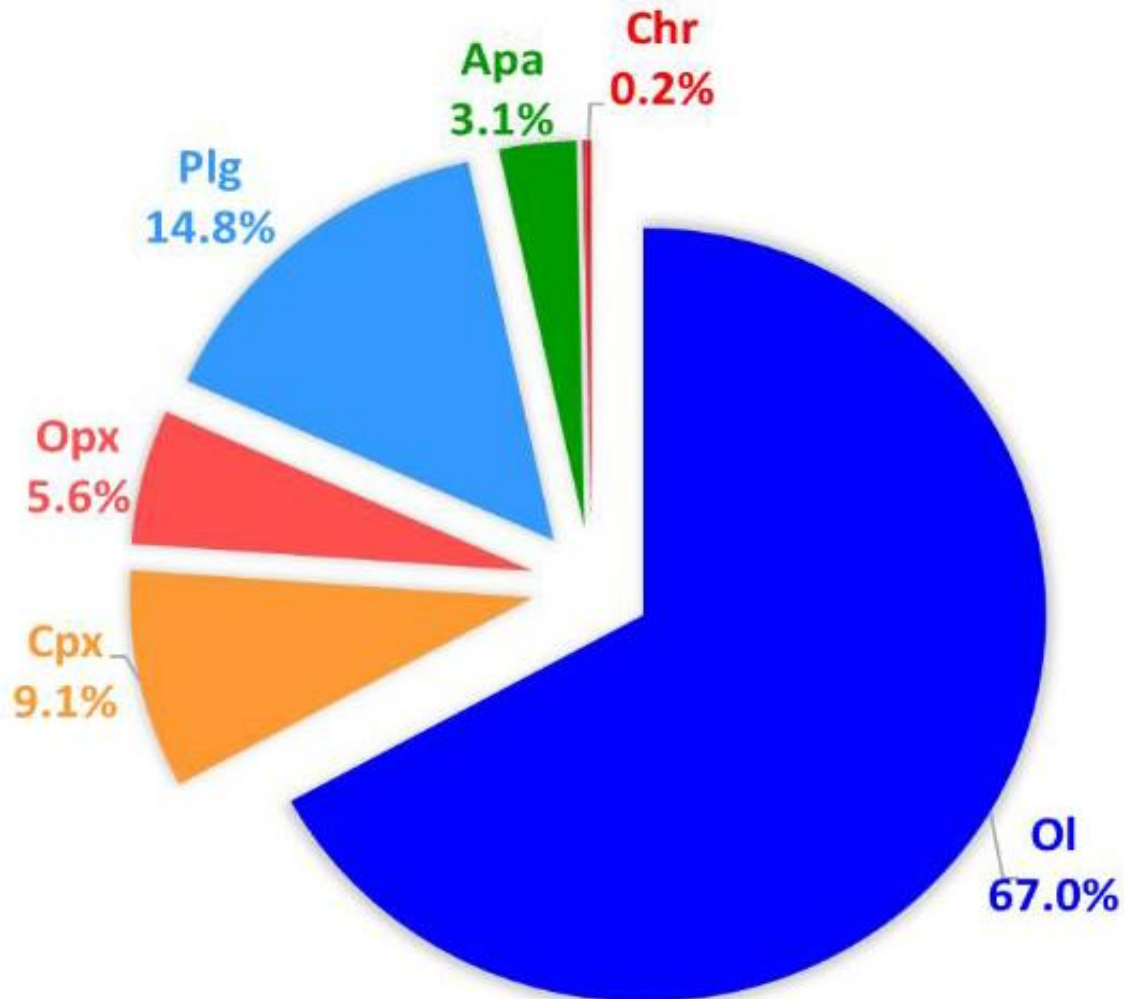


INAF

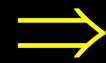
ISTITUTO NAZIONALE
DI ASTROFISICA



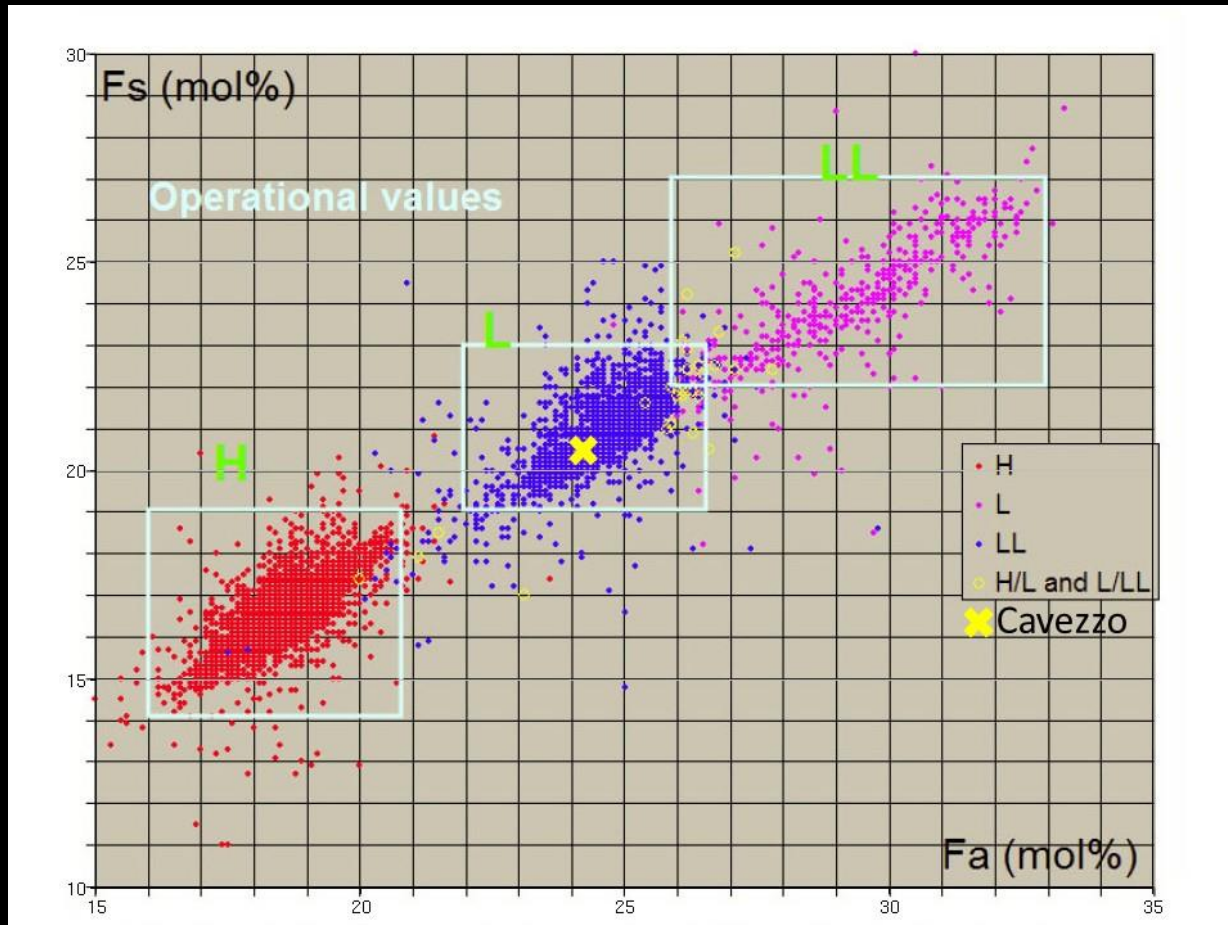
MODAL MINERALOGY (VOL%)



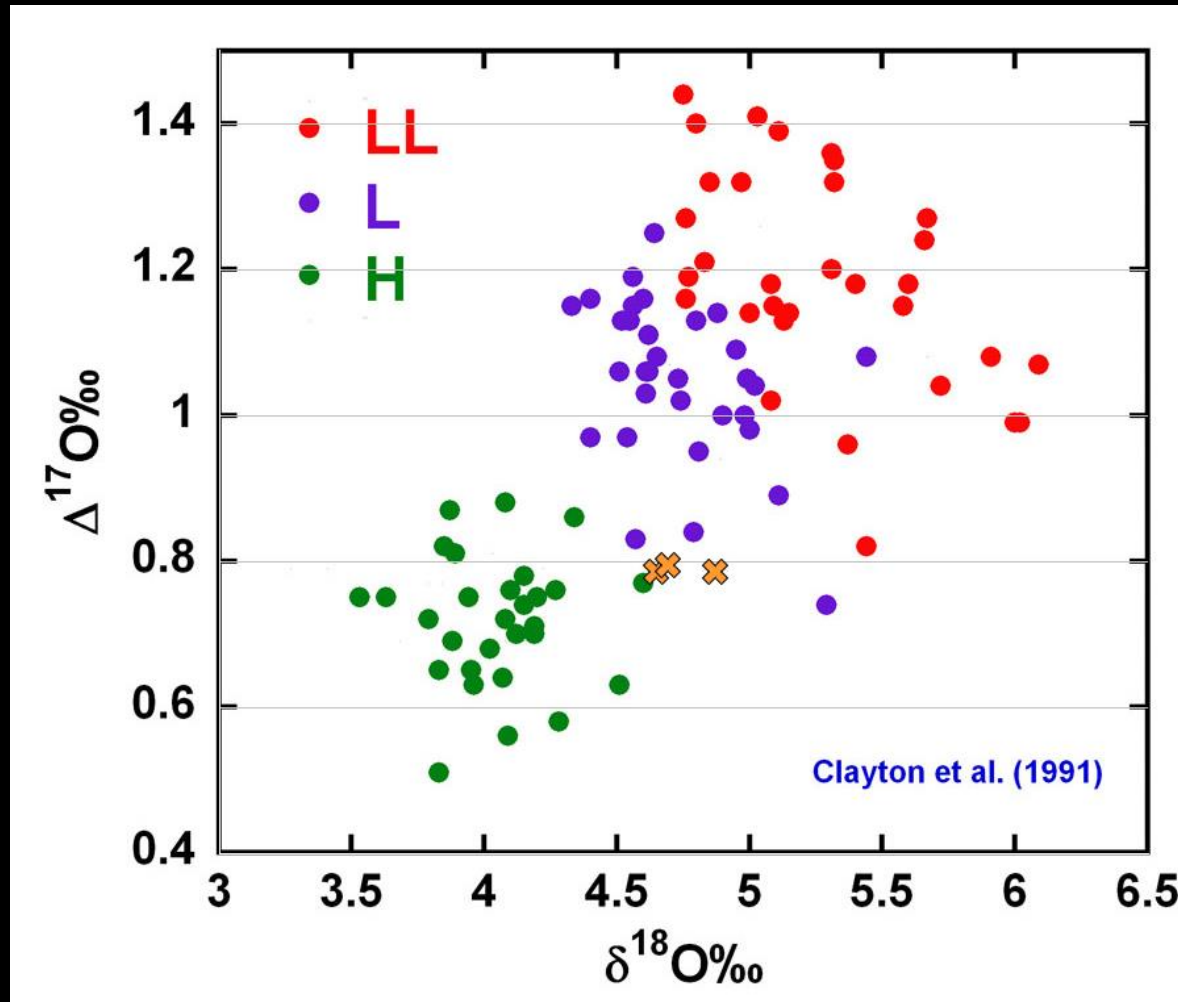
19-22 Febbraio



EPMA sul
campione 1 (OU)



9 Marzo \Rightarrow Oxygen isotopes



8 Giugno



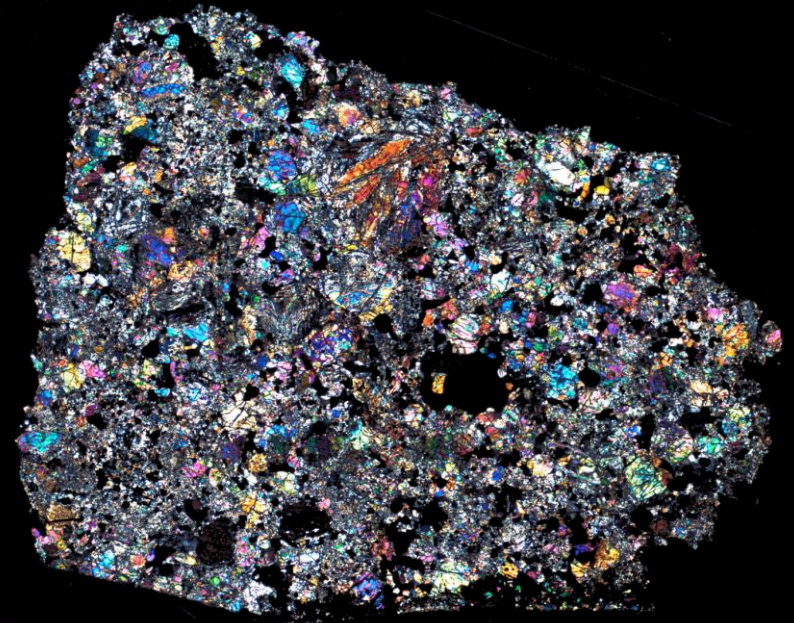
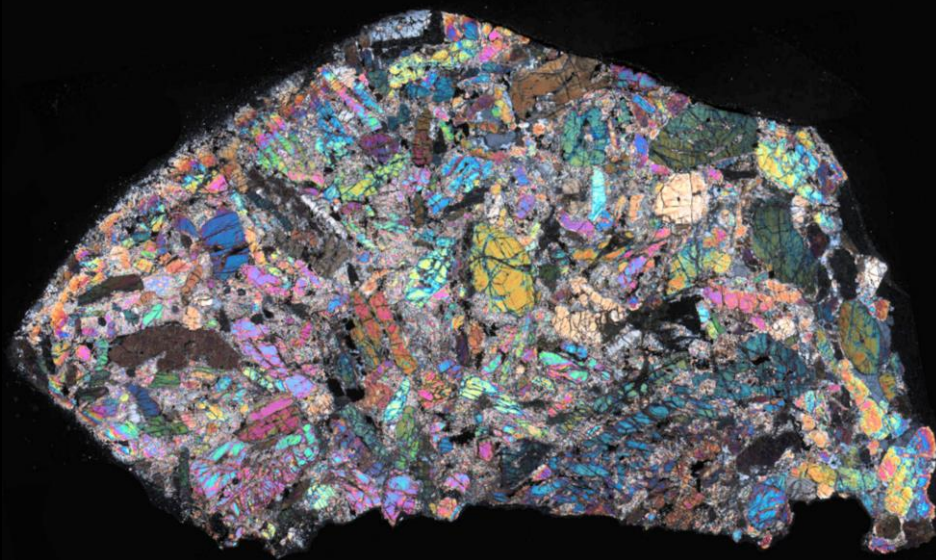
rientro a Firenze
della Cavezzo 2



25 Giugno



analisi
petrografiche



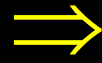
15 Luglio



EPMA sul
campione 2 (UniFi)



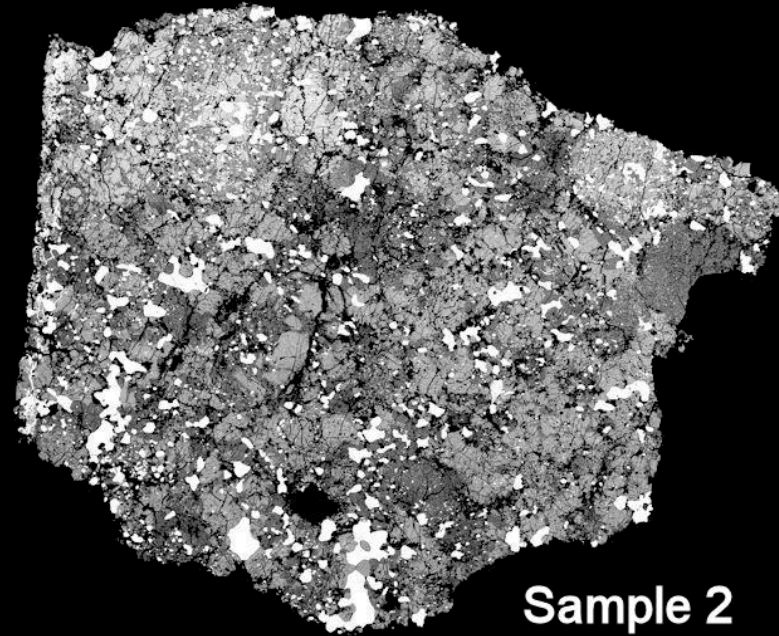
18 Giugno



analisi SEM
sul campione 2




Sample 1
lithology A




Sample 2
lithology B

5 Settembre ⇒ Cavezzo: a new meteorite!



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<input type="radio"/> Years		<input type="checkbox"/> Has strewnfield	<input type="checkbox"/> Limit to approved meteorite names	
<input type="checkbox"/> Has photo				

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1 record found for meteorites with names that contain "Cavezzo"
(click on a name for more information; click in header to sort)

Name [?]	Status [?]	Fall [?]	Year [?]	Place [?]	Type [?]	Mass [?]	MetBull [?]	GoogleEarth [?] •• Map all ↓	Notes
Cavezzo **	Official	Y ^c	2020	Emilia-Romagna, Italy	L5-an	55.3 g	109 [†]		

Y^c [Confirmed fall](#).



INAF

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DI ASTROFISICA



Ottobre



EPMA sul
campione 2 (UniFi)

- Composizione dei silicati e dei pirosseni simile al campione 1
 - Mineralogia modale completamente diversa: nel campione 2 vi è un contenuto molto maggiore di pirosseno alto in Ca nonché di ferro e solfuri
- ... e soprattutto

