

13 febbraio 2026 sala conference CNI via XX settembre, 5 Roma

Engineering the Future: STEMinsieme

Il cuore ingegneristico delle start-up

Elvina Finzi

EssilorLuxottica Contact Lenses

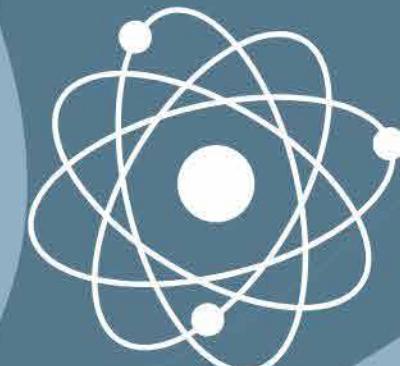
Global GM

RARA Business angel

I
CONSIGLIO NAZIONALE
DEGLI INGEGNERI



I
STEM
insieme



Elvina Finzi

WHO AM I



Me

- MS, PhD Nuclear Engineer
- MBA in Milan Economics University
- Passionate about D&I and STEM
- Young adult novelist

Competency

- 20+ years in turnaround projects
- Space - Energy - White goods - Financial Services - Digital - EyeCare industries

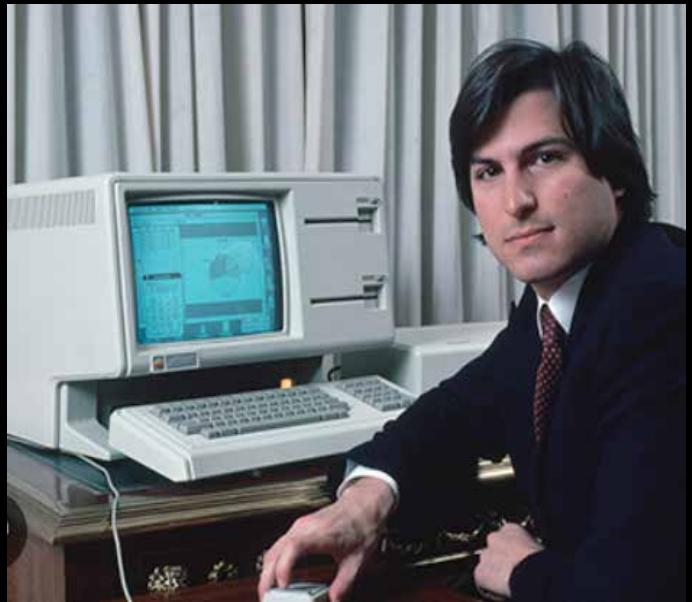
In Business

- Contact Lenses category Head since 2023
- Rara Board member and business angel
- Fintech board member



REVOLUTION NOT EVOLUTION

1980-1990



COMPUTER REVOLUTION

PC MANUFACTURERS



IT ENGINEERING

2000



TELECOM REVOLUTION

MOBILE INDUSTRY



TELECOM ENGINEERING

2010



DIGITAL REVOLUTION

SERVICE PROVIDERS



MATEMATICAL ENGINEERING

AI REVOLUTION WHERE ARE WE HEADING TO?

2020 – AI REVOLUTION



Infrastructures incredibly expensive



Service providers companies



New engineers partnering with AI

All sectors impacted –
Supply chain rethink –
Human contribute rethink



Contact Lenses



LET'S GO BEYOND - CONTACT LENSES



Data gathering & UI service



Customer centric approach

Product and branding



and product quality

Materials - systems

instruments



Tools and detection systems

Engineering the Future:
STEMinsieme

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Rare earth



Where Are the World's

RARE EARTH MINERALS?

As of January 2023



LET'S GO BEYOND - RARA

A NEW APPROACH



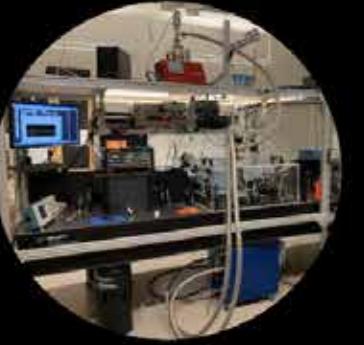
Compute

Proprietary algorithm to navigate the material space and extrapolate a map of material communities sharing similar desired properties



Create

Perform high-throughput **synthesis of novel compounds** to ensure the manufacturability of our findings.



Characterize

Relevant physical properties with state-of-the-art and proprietary techniques to **validate** successful discoveries and grow proprietary database.





Artificial
Intelligence

Start-up

Human competence
and experience

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