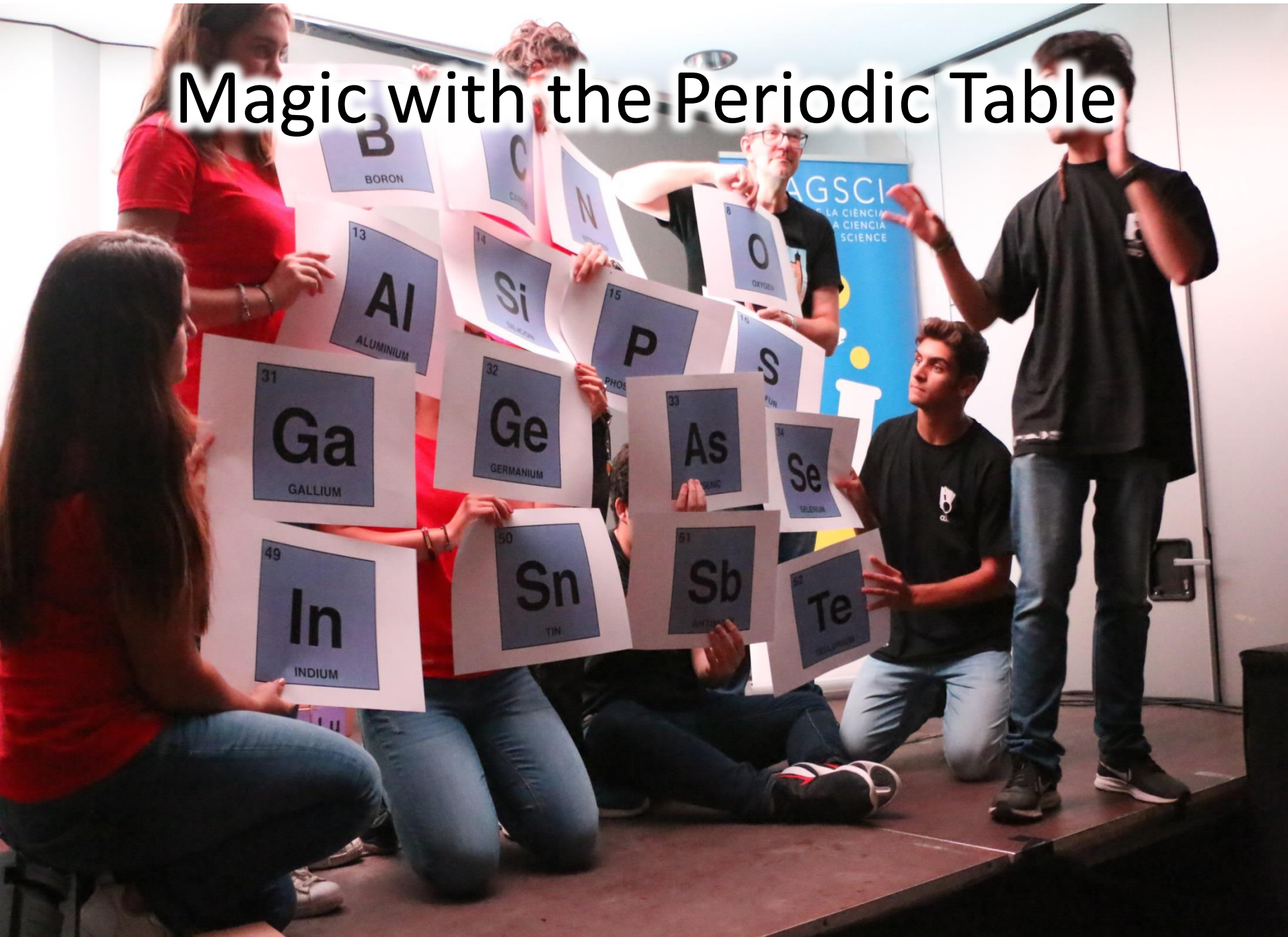


# The Periodic Table, children, and highschoolers

- Each element has a duality: an atomic number, i.e., a natural number – and a chemical 1- or 2-letter symbol (and indeed, a name)
- This allows for a great amount of games and play:
  - Wordplay
  - Any game with natural numbers
  - Geometrical rearrangements and puzzles
  - Connections with real-life sets: postcodes, license plate codes – or province/state abbreviations
  - 12 lunar months = 3 current PT
  - 1 solar year = 3 (current PT + 4)
  - Game “What’s your element?”

# Magic with the Periodic Table



# Magic, Science, and Education

- #ecme: Meeting in Science, Magic, and Education: gathering Scientists, Educators and Magicians
  - #ecme17: April 2015, Girona
  - #ecme17: Novembrer 2017, MUNCyT Alcobendas
  - #ecme19: Likely spring, Barcelona
- #cemc: Summer Camp on Magic, Science and Education for 14-18 yo, University of Girona
  - #cemc16
  - #cemc17
  - #cemc18:
- Urban Magic + Science Walks (Girona, Barcelona, Figueres, Torroella de Montgrí)



# London, June 2015



**SCIENCE ON STAGE**  
EUROPE

What is a Schrödinger's Card?

What is a Qubit?

What are entangled pairs?

What is a quantum computer?

What is quantum  
cryptography?

Trying to explain those tough questions to lay  
educated people (i.e., non-quantum-scientists),  
to the general public, to highschoolers, to  
children as well.

Using Poker playing cards





# Take-away message

The Periodic Table of the Chemical Elements allows for lots of fun and play, to learn about the basics of the building blocks of Nature, and to educate in all aspects of knowledge.

#iypt2019 is an excellent opportunity to improve Science Culture of Society and to foster STEM Education

Magic is a powerful tool in education, yet one must be cautious not to overuse it.

Please contact us!

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<http://magsci.eu>

<http://52gamespt.wordpress.com>

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