6th Workshop of SeS Redox and Catalysis

SUMMARY

6th Workshop of SeS Redox and Catalysis was held in Wrocław in 22-23 September, 2017. It was a

honor, but, first of all, a great pleasure to host all the participants in the buildings of the Wrocław

University of Science and Technology – and also to show you other parts of our city which is called "The

meeting place". We hope that the workshop was a fruitful, interesting experience for all of you. If it was -

it was because of your participance. Thank you for coming!

We hope to meet again in Santa Maria in 2018!

Acknowledgements

We would like to express our gratitude toward all persons and institutions that helped us with

organization of the conference. We thank the authorities the Wrocław University of Science and

Technology and a dean of Faculty of Chemistry, Professor Andrzej Ożyhar. We acknowledge our main

sponsors: Wrocław Centre of Biotechnology - the Leading National Research Centre programme (KNOW)

for years 2014-2018 and Selva Lab, and other sponsors: Fluorochem, Köttermann, Linegal Chemicals,

Merck, Molecules (MDPI AG), 100 Bridges Brewery (Browar 100 Mostów) and Wrocław City Promotion

Office (Biuro Promocji Miasta i Turystyki).

Workshop in numbers

76 participants: Poland – 35, Italy – 27, Romania – 4, Brazil – 3, Denmark – 2,

Austria, Germany, Great Britain, Japan, Serbia – 1

11 plenary lectures

5 invited lectures

3 short oral presentations

5 short communications

27 posters + 9 flash presentations

2 awards: Nicola Petragnani Award: Marianna Francesca Pensa (Univeristy of Perugia)

Marcello Tiecco Award: Bonifacio Monti (University of Perugia)

SOLUTIONS OF SELENIUM PUZZLES

SELENIUM-RELATED ELEMENTS

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Solution: cadmium, lithium – the latter has a melting point similar to selenium.

SELENIUM CHLORIDE

Let's assume that the molecule contains \mathbf{x} selenium atoms and \mathbf{y} chlorine atoms, and the total number of bonds equals \mathbf{b} . We know that:

$$x + y = 20$$
, $b = 6x$ and $b = 3(1/4 y) + 1(3/4 y)$; thus $b = 3/2 y$, so $6x = 3/2 y$ and $y = 4x$
 $x = 4$, $y = 16$ Se₄Cl₁₆

https://en.wikipedia.org/wiki/Selenium_tetrachloride

SELENIUM WORDS

