



SURFINT-SREN VIII

20-22. November 2023

Hotel SUZA, Bratislava, Slovakia

**Progress in Applied Surface, Interface and Thin Film Science
Solar Renewable Energy News VIII**

Conference Topics:

Group I, fundamental, basic research

1. Atomically clean surfaces
2. Interfaces
3. Ultra-thin and very-thin layers
4. Multilayers
5. Interaction of low temperature plasma and low energy beams with surfaces of organic and inorganic substrates
6. Interaction of liquids with surfaces of organic and inorganic substrates
7. Defects of surfaces, interfaces and thin films
8. Porous materials from view of surfaces and interfaces
9. Passivation of defect states
10. New approaches in experimental preparation and treatment of organic and inorganic surfaces, thin films, and interfaces
11. Advanced mathematical data processings applied during/or after measurements of physical and chemical properties of unique types of surfaces, thin films, and interfaces
12. New approaches in theoretical physics and chemistry of surfaces, thin films, and interfaces

Group II, applied research

13. Surfaces, thin films and interfaces in solar cell structures
14. Progressive types of thin film solar cells
15. Surfaces, thin film and interfaces in LCD technologies
16. Role of surfaces, thin films, and interfaces in high-temperature superconductive structures
17. Progressive types of high-temperature superconductive thin film structures
18. Sensors based on unique properties of surfaces, thin films, and interfaces
19. New approaches in mathematical simulation and designing solar cells, LCDs, sensors and photonics components.

Special categories

1. Exhibitions and presentations of companies
2. Environmental aspects of solar cell technologies

**Reviewed full text contributions will be published in
Journal of Solid State Electrochemistry**



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