

**13^{ème} édition des Rencontres Marocaines
sur la Chimie de l'Etat Solide
(REMCES 13)**



PROGRAMME

**15, 16 et 17 mai 2024, Université Chouaib Doukkali,
El Jadida, Maroc**



13th edition of the Moroccan Meetings on Solid State Chemistry

Programme REMCES-2024

Mardi 14/Mai/2024																	
14h00-18h00	Accueil et inscription des participants (Faculté des Sciences, El Jadida)																
Mercredi 15/Mai/2024																	
08h00-09h30	Accueil et inscription des participants (Faculté des Sciences, El Jadida)																
09h30-10h30	Cérémonie officielle d'ouverture																
10h30-11h00	Réception d'accueil																
11h05-11h45	Conférence plénière 1 inaugurale																
11h05-11h45	<p>Pr. Serge HAROCHE, Prix Nobel de Physique</p> <p>La Physique des Atomes de Rydberg</p> <p><i>Collège de France, Laboratoire Kastler Brossel de l'ENS, Paris, France</i></p>																
11h45-12h15	Conférence plénière 2																
11h45-12h15	<p>Pr.Tao ZHANG</p> <p>Single-atom catalysts for energy conversion reactions</p> <p><i>Académie des Sciences, Chine</i></p>																
12h15-12h45	Conférence plénière 3																
12h15-12h45	<p>Pr. Boucheta SAHRAOUI</p> <p>Advanced functionalised materials for nonlinear optical applications</p> <p><i>University of Angers, LPhiA, SFR MATRIX, 2 Bd. Lavoisier, 49045 Angers, France</i></p>																
13h00-14h30	Déjeuner																
14h30-15h00	conférence plénière 4																
14h30-15h00	<p>Pr. Khalil AMINE</p> <p>Development of advanced Li/Na -ion batteries and beyond to reduce cost and ensure sustainability for electric vehicles.</p> <p><i>Argonne National Laboratory, Pritzker School of Molecular Engineering, The University of Chicago, USA.</i></p>																
15h05-16h20	Sessions parallèles : communications orales																
15h05-15h20	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Session 1 Amphi CED</th> <th style="width: 50%;">Session 2 Bibliothèque</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">C.O. 1</td> <td style="text-align: center;">C.O. 35</td> </tr> <tr> <td style="text-align: center;">C.O. 2</td> <td style="text-align: center;">C.O. 36</td> </tr> <tr> <td style="text-align: center;">C.O. 3</td> <td style="text-align: center;">C.O. 37</td> </tr> <tr> <td style="text-align: center;">C.O. 4</td> <td style="text-align: center;">C.O. 38</td> </tr> <tr> <td style="text-align: center;">C.O. 5</td> <td style="text-align: center;">C.O. 39</td> </tr> </tbody> </table>	Session 1 Amphi CED	Session 2 Bibliothèque	C.O. 1	C.O. 35	C.O. 2	C.O. 36	C.O. 3	C.O. 37	C.O. 4	C.O. 38	C.O. 5	C.O. 39				
Session 1 Amphi CED	Session 2 Bibliothèque																
C.O. 1	C.O. 35																
C.O. 2	C.O. 36																
C.O. 3	C.O. 37																
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C.O. 5	C.O. 39																
15h20-15h35																	
15h35-15h50																	
15h50-16h05																	
16h05-16h20																	
16h20-17h20	Pause- café et Première Session Poster (de C.A. 1 à C.A. 38)																
17h25-19h10	Sessions parallèles : communications orales																
17h25-17h40	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Session 3 Amphi CED</th> <th style="width: 50%;">Session 4 Bibliothèque</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">C.O. 6</td> <td style="text-align: center;">C.O. 40</td> </tr> <tr> <td style="text-align: center;">C.O. 7</td> <td style="text-align: center;">C.O. 41</td> </tr> <tr> <td style="text-align: center;">C.O. 8</td> <td style="text-align: center;">C.O. 42</td> </tr> <tr> <td style="text-align: center;">C.O. 9</td> <td style="text-align: center;">C.O. 43</td> </tr> <tr> <td style="text-align: center;">C.O. 10</td> <td style="text-align: center;">C.O. 44</td> </tr> <tr> <td style="text-align: center;">C.O. 11</td> <td style="text-align: center;">C.O. 45</td> </tr> <tr> <td style="text-align: center;">C.O. 12</td> <td style="text-align: center;">C.O. 46</td> </tr> </tbody> </table>	Session 3 Amphi CED	Session 4 Bibliothèque	C.O. 6	C.O. 40	C.O. 7	C.O. 41	C.O. 8	C.O. 42	C.O. 9	C.O. 43	C.O. 10	C.O. 44	C.O. 11	C.O. 45	C.O. 12	C.O. 46
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18h55-19h10																	

Jeudi 16/Mai/2024			
08h30-09h00	Conférence plénière 5		
	Pr. Mohamed SIAJ Enhancing Hydrogen Production via Photoelectrochemical Water Splitting: Innovative Photoanode Design Strategies for Superior <i>Director of the Quebec Centre for Advanced Materials (QCAM). Chemistry Department, Université de Québec à Montréal, Canada.</i>		
09h00-09h20	Conférence 3		
	Pr. Sylvie RANGAN Energy level alignment at hetero-interfaces : measurement and manipulation <i>Department of Physics and Astronomy and Laboratory for Surface Modification, Rutgers University, New Jersey, USA</i>		
09h25-10h10	Sessions parrallèles : communications orales		
	Session 5 Amphi CED	Session 6 Bibliothèque	Session 7 Salle CED
09h25 - 09h40	C.O. 13	C.O. 47	C.O. 69
09h40- 09h55	C.O. 14	C.O. 48	C.O. 70
09h55-10h10	C.O. 15	C.O. 49	C.O. 71
10h10-11h10	Pause- café et Deuxième Session Poster (de C.A. 39 à C.A. 76)		
11h10-11h40	Conférence plénière 6		
	Pr. Reghino SAEZ PUTCHE Magnetocaloric Materials Based on Rare Earth Mixed Oxides <i>Dpto. Química Inorgánica, Universidad Complutense Madrid, Spain</i>		
11h40-12h10	Conférence plénière 7		
	Pr. Maria Luísan CARVALHO Elemental characterization on cultural heritage materials using x-ray spectrometry <i>LIBPhys, Laboratory of Instrumentation, Biomedical Engineering and Radiation Physics. NOVA School of Science and Technology,</i>		
12h15-13h00	Sessions parrallèles : communications orales		
	Session 8 Amphi CED	Session 9 Bibliothèque	Session 10 Salle CED
12h15-12h30	C.O. 16	C.O. 50	C.O. 72
12h30-12h45	C.O. 17	C.O. 51	C.O. 73
12h45-13h00	C.O. 18	C.O. 52	C.O. 74
13h00-14h30	Déjeuner		
14h30-15h00	Conférence plénière 8		
	Pr. Haosu LUO Design and fabrication of Relaxor-PT single crystals-based devices <i>Shanghai Institute of Ceramics, Chinese Academy of Science, Chine</i>		
15h00-15h30	Conférence 2		
	Pr. Youssef HABIBI Nanocellulose: from hype to reality <i>University Mohammed VI Polytechnic (UM6P), Ben Guerir, Morocco</i>		
15h35-16h35	Sessions parrallèles : communications orales		
	Session 11 Amphi CED	Session 12 Bibliothèque	Session 13 Salle CED
15h35-15h50	C.O. 19	C.O. 53	C.O. 75
15h50- 16h05	C.O. 20	C.O. 54	C.O. 76
16h05-16h20	C.O. 21	C.O. 55	C.O. 77
16h20-16h35	C.O. 22	C.O. 56	
16h35-17h35	Pause- café et Troisième Session Poster (de C.A. 77 à C.A. 114)		
17h35-18h05	conférence plénière 9		
	Pr. Abdelaziz JAZOULI Crystalline and Vitreous Inorganic Metal Phosphates. Synthesis, Structural Characterizations and Properties <i>University Hassan II, Faculty of Sciences Ben M'Sik, Casablanca, Morocco</i>		
18h10-19h25	Sessions parrallèles : communications orales		
	Session 14 Amphi CED	Session 15 Bibliothèque	
18h10-18h25	C.O. 23	C.O. 57	
18h25- 18h40	C.O. 24	C.O. 58	
18h40- 18h55	C.O. 25	C.O. 59	
18h55- 19h10	C.O. 26	C.O. 60	
19h10- 19h25	C.O. 27	C.O. 61	

Vendredi 17/Mai/2024		
08h30-09h00	Conférence plénière 10	
	Pr. Peter McBREEN Structure and Dynamics of Chirality-Transfer Complexes on a Catalyst Surface <i>Université Laval, Faculté des Sciences et Génie, Département de Chimie, Québec, Canada</i>	
09h00-09h20	Conférence 3	
	Pr. Jean-Christophe VALMALETTE Breaking the single-molecule detection limit using novel plasmonic nanostructures <i>Institut Matériaux Microélectronique Nanosciences de Provence (IM2NP), UMR CNRS 7334, Université de Toulon, France.</i>	
09h25-10h10	Sessions parallèles : communications orales	
	Session 17 Amphi CED	Session 18 Bibliothèque
09h25-09h40	C.O. 28	C.O. 62
09h40-09h55	C.O. 29	C.O. 63
09h55-10h10	C.O. 30	C.O. 64
10h10-11h10	Pause- café et Quatrième Session Poster (de C.A. 115 à C.A. 151)	
11h15-11h45	Conférence plénière 11	
	Pr. Charles KAPPENSTEIN High Energetic Materials (HEM): synthesis, applications and safety <i>University of Poitiers, Faculty of Sciences, UMR CNRS 7285, IC2MP, Poitiers, France</i>	
11h45-12h15	Conférence plénière 12	
	Pr. Mohamed EDDAOUDI Metal-Organic Frameworks (MOFs) as Prospect Adsorbents and Membranes for Energy-intensive Separations and Carbon Capture. <i>King Abdullah University of Science and Technology, Saudi Arabia</i>	
12h20-13h05	Sessions parallèles : communications orales	
	Session 19 Amphi CED	Session 20 Bibliothèque
12h20-12h35	C.O. 31	C.O. 65
12h35-12h50	C.O. 32	C.O. 66
12h50-13h05	C.O. 33	C.O. 67
13h05-13h20	C.O. 34	C.O. 68
13h20-15h00	Déjeuner	
15h00-15h20	Conférence 4	
	Pr. Fouad GHAMOUISS Sustainable and advanced materials for energy : hydrogen production and batteries <i>University Mohammed VI Polytechnic (UM6P), Ben Guerir, Morocco</i>	
15h20-16h50	Table ronde	
16h50-17h20	Remise des prix et cérémonie de clôture	