

GENERAL PROGRAM



INTERNATIONAL MATERIALS RESEARCH CONGRESS 2024

Del 18 al 23 de agosto, Cancún. México




















Sociedad Mexicana
de Materiales A.C.

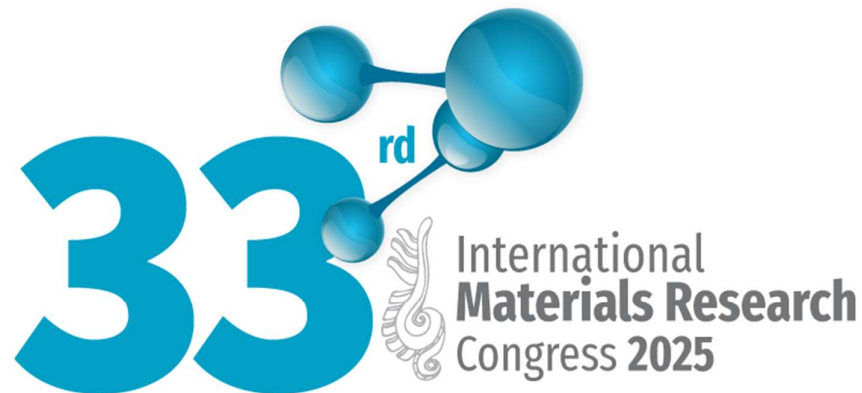


MATERIALS RESEARCH SOCIETY®
Advancing materials. Improving the quality of life.

ORAL SESSION

TIME (Cancun, Mexico)	ROOM	PRESENTATION	CODE	PRESENTING AUTHOR	ABSTRACT	
8:45	Chichen Itza II	INVITED TALK	SH3-O001	Shaoxian Song	GREEN AND EFFICIENT RECOVERY OF GOLD(I) FROM THIOSULFATE LEACHING SOLUTIONS	
9:15	Chichen Itza II	INVITED TALK	SH3-O002	Thomas Stauder	THE PRACTICAL CASE OF PYRITE DEPRESSANTS TO REACH ESG GOALS AND REDUCTION OF SCOPE 3 GHG EMISSIONS IN MINERAL PROCESSING	
9:45	Chichen Itza II	INVITED TALK	SH3-O003	Jose Refugio Parga Torres	BEHAVIOR OF THE RECOVERY OF FINE PARTICLES OF ACTIVATED CARBON WITH GOLD BY USING ELECTROCOAGULATION TECHNOLOGY	
10:15	Chichen Itza II	INVITED TALK	SH3-O004	Zhihong Wang	SUPERIORITY DESULFURIZATION OF INDIGENOUS MICROORGANISMS WITH SULFUR METABOLISM IN COAL	
12:45	Chichen Itza II	INVITED TALK	SH3-O005	Maria Holuszko	MINERAL PROCESSING CONCEPTS AND APPROACHES IN SUSTAINABLE E-WASTE RECYCLING FOR RECOVERY OF CRITICAL MINERALS	
13:15	Chichen Itza II	INVITED TALK	SH3-O006	Jesús Alejandro Ramos Guzmán	USE OF F-250 BIOPOLYMER IN THE SELECTIVE DEPRESSION OF PYRITE: FUNDAMENTAL STUDIES AND CASE STUDIES IN THE INDUSTRY	
13:45	Chichen Itza II	INVITED TALK	SH3-O007	Hyunjung Kim	ATMOSPHERIC LEACHING BEHAVIOR OF LATERITE ORES WITH TWO DIFFERENT MINERALOGICAL CHARACTERISTICS	
16:00	Chichen Itza II	REGULAR TALK	SH3-O008	Haydee Gongora	IMPROVING PLANT PERFORMANCE AT CUZCATLAN MINING WITH BIOPOLYMER PIONERA	
16:15	Chichen Itza II	REGULAR TALK	SH3-O009	Isaí Raya Farías	SYNTHESIS OF MIXTURES OF CuFeS ₂ AND ZnS (WURTZITE) USING MICROWAVES RADIATION	
16:30	Chichen Itza II	INVITED TALK	SH3-O010	Allan Gomez-Flores	HY-FLOAT: A PRE-ALPHA SOFTWARE FOR PREDICTING FLOTATION BEHAVIOR	
16:45	Chichen Itza II	INVITED TALK	SH3-O011	Diana Alejo-Guerra	SELECTIVE REMOVAL OF Mn ²⁺ IONS FROM SOLUTIONS CONTAINING Mn ²⁺ , Co ²⁺ AND Zn ²⁺ IONS USING OZONE	
17:00	Chichen Itza II	REGULAR TALK	SH3-O012	Mario David Sánchez Ruiz	ACTIVATION OF TAILINGS WITH NaOH AND KOH FOR THE PREPARATION OF ALKALI-ACTIVATED CEMENT	
17:15	Virtual Presentation	REGULAR TALK	SH3-O013	Marlen Gomez	ULTRAFINE GRINDING OF A REFRACTORY ORE AND ITS EFFECT ON THE GOLD AND SILVER LEACHING	
17:30	Chichen Itza II	REGULAR TALK	SH3-O014	Naira Guadalupe Mendoza Llamas	ENHANCING PELLET QUALITY: INSIGHTS INTO POLYACRYLAMIDE AND MAGNETITE INTERACTION	
17:45	Virtual Presentation	REGULAR TALK	SH3-O015	Teresita Jiménez	COPPER RECOVERY FROM A MINERAL USING NATURAL DEEP EUTECTIC SOLVENTS (NADES) OF CHOLINE CHLORIDE-UREA AS A LEACHING AGENT	
18:00	Chichen Itza II	REGULAR TALK	SH3-O016	Laura Denisse Jasso Recio	EFFECT OF pH AND CONDUCTIVITY ON THE KINETICS OF CHALCOPYRITE ELECTRO-REDUCTION USING THE CH ₃ COOH-H ₂ O SYSTEM	
18:15	Chichen Itza II	REGULAR TALK	SH3-O017	Claudia Emilia Cos Castillo	AN ELECTROCHEMICAL STUDY OF MONOETHANOLAMINE-WATER SYSTEM FOR SILVER LEACHING: EFFECT OF HYDROGEN PEROXIDE	

33rd International Materials Research Congress



The Materials Research Society (MRS) is pleased to collaborate with the Sociedad Mexicana de Materiales (SMMater) on the technical programming of the 33rd International Materials Research Congress (IMRC 2025), **scheduled for August 17-22, 2025** in Cancún, Mexico.

For more information about this meeting, please visit [the official Sociedad Mexicana de Materiales IMRC 2025](#)



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