

The IV International Copper Hydrometallurgy Workshop – HydroCopper 2007 – held in Viña del Mar, Chile, May 16 – 18, 2007, was organized by the Department of Mining Engineering at the University of Chile with the support of Gecamin Ltd.

The objective of the workshop was to provide an international forum where hydrometallurgical professionals could analyze and discuss recent innovations and developments related to the wet processing of copper ores. It sought to promote the exchange of knowledge and experiences in the design, planning and operations of copper hydrometallurgical plants; discuss emerging developments and identify the best practices and methodologies in copper hydrometallurgy; analyze criteria for the design and evaluation of industrial plant projects; promote the development of an interdisciplinary international network for technical collaboration and exchange among professionals in hydrometallurgy.

This edition contains 50 papers by authors and co-authors from 13 different countries, including: Australia, Brazil, Canada, Chile, England, Finland, Germany, Mexico, Nicaragua, Peru, South-Africa, Sweden and United States. The main topics covered by HydroCopper are:

- Plenary Conferences (5)
- Innovations in the Hydrometallurgical Processing of Copper Ores and Concentrates (6)
- Ore Leaching Operations (5)
- Bio-Hydrometallurgy and New Process Developments (5)
- Best Practices in Solvent Extraction and Electro Winning Processes (11)
- Modeling, Optimization and Automatic Control of Hydrometallurgy Processes (4)
- Environmental Issues (8)
- New Projects and Expansions (6)

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Finally, we thank all the delegates who attended the workshop exchanging their valuable knowledge and expertise, which contributed to the great success of the Workshop HydroCopper 2007.

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