

IPBC 2014 Preliminary Program

List of posters

- P1. "Studies of the effect of pre-hydrolysis, pulping and bleaching, on producing dissolving pulp from *Acacia farnesiana* (huizache)"
Fernando Navarro-Arzate, María Goretty Muñoz-Rodríguez, Florentina Dávalos-Olivares, Juan Pablo Morales-Rivera, Bruno Becerra-Aguilar and Rogelio Ramírez-Casillas
University of Guadalajara
- P2. "An Outlook on Sodium Chlorate and Hydrogen Peroxide as Bleaching Agents"
Stephanie Koenig
IHS Chemical
- P3. "Towards the Zero-Impact Bleach Plant"
Alexis Métais¹, Pierre Larnico², Guy Verkoeyen³, Jean-Christophe Hostachy¹, Jérôme Blanc² and Filip Smeets³
¹: Xylem Inc., ²: Arkema, ³: Hydrogenics
- P4. "Bleaching of wheat straw pulp with increased use of hydrogen peroxide- A step towards cleaner production"
Priti Shivhare Lal, Vimlesh Bist, Arvind Sharma, Kumar Anupam and R.M Mathur
Central Pulp and Paper Research Institute, Saharanpur
- P5. "Improving the yield of dissolving pulp from bamboo with acetic acid as pre-hydrolysis agent"
Shiyu Fu, Guang Li and Huaiyu Zhan
South China University of Technology
- P6. "A model-based process control strategy for near-neutral pH pulp bleaching using continuous sensors"
Richard Van Fleet¹ and Duane Moringred²
¹BTG Americas Inc, ²Honeywell International
- P7. "Mg(OH)₂ based hydrogen peroxide bleaching of chemimechanical pulps"
Rabi Behrooz and Somayeh Ghasemi
Tarbiat Modares University
- P8. "Latest trends on the use of hydrogen peroxide"
Jérôme Blanc¹, Pierre Larnico¹, Dominique Lachena² and Christine Chirat²
¹Arkema France, ¹Grenoble INP-Pagora
- P9. "Dissolved lignin in the pulp can significantly increase the consumption of ClO₂ in the D₀ stage"
Caroline Wilke^{1,2}, Niclas Andersson¹ and Ulf Germgård²
¹BTG Instruments AB, ² Karlstad University
- P10. "P and D bleaching : a fast titration method to evaluate the occurrence and formation of phenolic hydroxyl and carboxylic groups in the pulps and their effluents"
Fanny Bardot, Karine Janel and Gérard Mortha
Grenoble INP - Pagora
- P11. "The advanced white liquor oxidation process - One way to increase reuse of by-products in pulp mills"
Pascal Baldo, Philippe Campo, Jörg Schwerdt and Arnaldo Oliveira Araujo
Air Liquide
- P12. "Quantification of organochlorine compounds in tertiary amine catalyzed pulp bleaching"
Pablo Piovano, Naveen Kumar Chenna, Christian Järnefelt and Tapani Vuorinen
Aalto University

- P13. "Effect of the presence of syringyl nucleus, γ -hydroxymethyl group, and involving stereoisomerism of the side-chain on the β -O-4 bond cleavage during alkaline pulping processes"
Satoko Shimizu, Pattaraporn Posoknistakul, Tomoya Yokoyama and Yuji Matsumoto
The University of Tokyo
- P14. "Bleaching optimization of a dyed kraft pulp using alkaline H₂O₂ activated by the Cu(II)-phenanthroline complex"
Elsa Walger, Camille Rivollier, Nathalie Marlin and Gérard Mortha
Grenoble INP-Pagora
- P15. "Relationship between lignin-carbohydrates complexes (LCC) from chips and pulps and their delignification and bleaching ability"
Claire MONOT, Brieuc EVANGELISTA, Satyajit DAS and Christine CHIRAT
Grenoble INP-Pagora
- P16. "Kinetics of hexenuronic acids formation and degradation during kraft cooking of hardwoods and softwoods"
D. Da Silva Perez¹, G. Mortha², C. Freitas^{1,3}, A. Guillemain¹, M. Margarido^{1,2} and M. Petit-Conil^{1,4}
¹FCBA, ² Grenoble INP-Pagora, ³Instituto Politécnico de Castelo Branco, ⁴Centre Technique du Papier
- P17. "Improvement of physical properties of kraft pulps by ozone treatment in the last stage"
D. Da Silva Perez¹, A. Guillemain¹ and M. Petit-Conil^{1,2}
¹FCBA, ²Centre Technique du Papier
- P18. "Reducing bleaching chemical consumption by drainage improvement on brown stock washing improvement – A Mill Case"
Carlos Alberto dos Santos¹, Ramon Sanchez Dorransoro² and Jorge Caceres Nunes¹
¹Mathiesen Group, ²Nopco Paper Tecnology S.L.