

CONTENTS

Energy Saving I

-
- 1 Opening Address of the 20th Saving Energy Seminar.....Yoshihito Meguro
 - 3 ISO Standardization of Calculation Method of Carbon Dioxide Emission Intensity from Iron and Steel Production.....Hiroyuki Tezuka
 - 8 The Operating Experience of the Vacuum Evaporator, Type of Vapor Recompression.....Chiaki Aoyama
 - 12 Development and Application of Hyper Flat Drive System.....Eijiro Nakashima
 - 17 Hydrogen Energy Supply Systems Utilizing Renewable Energy.....Hiroyuki Ota, Hirofumi Kurita, Takashi Nakagawa, Tatsuoki Kono, Fumiyuki Yamane and Naoki Ohtaki
 - 23 “Energy-Saving Method of the Satellite Type” by JBIC.....Yasuhiko Shirota
-

Topics & Information

- 29 The Activity of Energy-Saving Produced Results in a Short Term.....Ryosuke Kotani
 - 33 State-of-the-art Recovery Process Technology by Andritz—A Futuristic Pulp Mill with Integration of Fiberline and Recovery Processes—.....Masato Tsuchitana, Daisuke Nagamine and Chiaki Kawakami
 - 40 LignoBoost—Further Usage of Lignin from Your Kraft Pulp Mill—.....Hiroshi Yamashita
 - 44 Development of the New Generation Latex that Has Excellent Picking Strength and Runnability for Paper Coating.....Takuro Kawaguchi and Masaya Kamo
-

Introduction of Research Laboratories (111)

- 48 Laboratory of Tree Cell Biology, Division of Forest and Biomaterial Sciences, Graduate School of Agriculture, Kyoto University
-

Research Report (Original Paper)

- 52 Development of an Excellent Depth Feeling Wallpaper Screen Based on a New Theory of an Optical Biomimetic Model of Human Skin.....Akihiro Kuroda, Koki Kodama, Hiroki Okuda, Chitose Miyama and Shuichi Maeda
-

- 03 Committee report
 - 50 Essay on Intellectual Property
 - 51 Coffee break
 - 66 Papyrus

 - 71 Industry News (Domestic and International)
 - 76 List of Patents issued and Laid-open Publication
 - 86 Price list of Domestic Logs and Wood Chips by District
 - 87 Other Monthly Statistics
 - 89 News from the Association
-