

# POSTER PRESENTATIONS

Sorted by the surname of the first author

**P - 01 MODELLING CHEMICAL LOOPING COMBUSTION OF NATURAL GAS: SIMULATION, VALIDATION AND OPTIMIZATION**

*Alberto ABAD, Pilar GAYÁN, Luis F. DE DIEGO, Juan ADÁNEZ*  
 Instituto de Carboquímica (ICB-CSIC), Spain

**P – 02 LONG-TERM DURABILITY OF THE CANDIDATE OXYGEN CARRIERS SELECTED FOR THE OPERATION OF 0.5 MWth PRESSURIZED CHEMICAL LOOPING COMBUSTION PROCESS**

*Jeom-In BAEK<sup>1\*</sup>, Uisik KIM<sup>1</sup>, Dong Seok LEE<sup>1</sup>, Hyungeun JO<sup>1</sup>, Tae Hyoung EOM<sup>1</sup>, Joong Beom Lee<sup>1</sup>, Ho-Jung RYU<sup>2#</sup>*

<sup>1</sup> KEPCO Research Institute, 105 Munji-Ro, Yuseong-Gu, Daejeon, Korea

<sup>2</sup> Korea Institute of Energy Research, 152 Gajeong-Ro, Yuseong-Gu, Daejeon, Korea

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*Turna BARUA<sup>1#</sup>, Bihter PADAK<sup>1\*</sup>*

<sup>1</sup>University of South Carolina, Columbia, SC, USA

**P – 04 CHEMICAL LOOPING OF CeO<sub>2</sub> SUPPORTED PEROVSKITES FOR O<sub>2</sub>/CO<sub>2</sub> PRODUCTION**

*Guoqiu CAI<sup>#</sup>, Weixian ZHAO, Haoran DING, Cong LUO<sup>\*</sup>*

State Key Laboratory of Coal Combustion, School of Energy and Power Engineering, Huazhong University of Science and Technology, 1037 Luoyu Road, Wuhan, China

**P – 05 POTENTIAL OF DIFFERENT CALCIUM-BASED SORBENTS FOR THE LIMESTONE CHEMICAL LOOPING COMBUSTION PROCESS (LCL-C TM)**

*Margarita DE LAS OBRAS-LOSCERTALES, Francisco GARCÍA-LABIANO, Luis F. DE DIEGO, Alberto ABAD*  
 Instituto de Carboquímica (ICB-CSIC), Spain

**P – 06 ALTERNATE DESIGN FOR SOLID-GAS SEPARATOR**

*Robin DELEON<sup>1\*#</sup>, Zachary REINKING<sup>2</sup>, JoAnn LIGHTY<sup>1</sup>, Kevin WHITTY<sup>2</sup>*

<sup>1</sup>Department of Mechanical Engineering, Boise State University, 1910 University Dr, Boise, Idaho, USA

<sup>2</sup>Department of Chemical Engineering, University of Utah, 50 Central Campus Dr, Room 3290, Salt Lake City, Utah, USA

**P – 07 OPERATION AND ANALYSIS OF A COLD FLOW MODEL OF A 200 KW DUAL FLUIDIZED BED CHEMICAL LOOPING SYSTEM**

*Jessica FORSYTH, Kevin J. WHITTY*

Department of Chemical Engineering University of Utah, 50 Central Campus Drive Room 3290, Salt Lake City, Utah, USA

**P – 08 STUDY ON THE MIGRATION CHARACTERISTICS OF SODIUM AND CHLORINE IN CHEMICAL LOOPING PROCESS OF ZHUNDONG COAL WITH HEMATITE OXYGEN CARRIER**

*Huijun GE<sup>1#</sup>, Laihong SHEN<sup>1\*</sup>, Tao SONG<sup>2</sup>*

<sup>1</sup>Key Laboratory of Energy Thermal Conversion and Control of Ministry of Education, Southeast University, 2 Sipailou, Nanjing, China, Address, Town, Country

<sup>2</sup>Nanjing Normal University, Baicang Road, Xuanwu district, Nanjing 210000, China

**P – 09 OPTIMIZED CHEMICAL LOOPING METHANE PARTIAL OXIDATION USING HYBRID PEROVSKITE-HEMATITE OXYGEN CARRIERS**

*Mengqing GUO<sup>1#</sup>, Lang QIN<sup>1</sup>, Zhuo CHENG<sup>1</sup>, Yan LIU<sup>1</sup>, Jonathan A. FAN<sup>2#</sup>, Liang-Shih FAN<sup>1\*</sup>*

<sup>1</sup>William G. Lowrie Department of Chemical and Biomolecular Engineering, The Ohio State University, 151 W. Woodruff Ave, Columbus, OH, USA

<sup>2</sup>Department of Electrical Engineering, Ginzton Laboratory, Spilker Engineering and Applied Sciences, Stanford University, 348 Via Pueblo Mall, Stanford, CA, USA

**P - 10 THE CHEERS PROJECT: BUILDING A 3MW CLC-CCS SYSTEM PROTOTYPE PLANT FOR PET-COKE**

*Nils Erland L. HAUGEN<sup>a</sup>, Zhenshan LI<sup>b</sup>, Mahdi YAZDANPANA<sup>c</sup>, Stéphane BERTHOLIN<sup>d</sup>, Yngve LARRING<sup>e</sup>, Weicheng LI<sup>f</sup>, Kun LUO<sup>g</sup>, Andrzej SZLĘK<sup>h</sup>, Marko MAVER<sup>i</sup>, Jens HETLAND<sup>o</sup>*

<sup>a</sup> SINTEF Energy Research, Norway, <sup>b</sup> Tsinghua University, China, <sup>c</sup> TOTAL, France

<sup>d</sup> IFPEN, France, <sup>e</sup> SINTEF Industry, Norway, <sup>f</sup> Dongfang Boiler Group Co.,Ltd, China

<sup>g</sup> Zhejiang University, China, <sup>h</sup> Silesian University, Poland, <sup>i</sup> Bellona, Belgium

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*Bo JIANG<sup>#</sup>, Lin Li, Dawei Tang<sup>\*</sup>*

School of Energy and Power Engineering, Key Laboratory of Ocean Energy Utilization and Energy Conservation of Ministry of Education, Dalian University of Technology, 116023, Dalian, China

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*Bo Jiang<sup>1#</sup>, Lin LI<sup>1</sup>, Dawei TANG<sup>1\*</sup>*

<sup>1</sup>School of Energy and Power Engineering, Key Laboratory of Ocean Energy Utilization and Energy Conservation of Ministry of Education, Dalian University of Technology, Dalian 116023, China

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*Kenji KAIBE<sup>1#</sup>, Martin KELLER<sup>1</sup>, Hiroyuki HATANO<sup>2</sup>, Junichiro OTOMO<sup>1\*</sup>*

<sup>1</sup>Graduate School of Frontier Sciences, The University of Tokyo, 5-1-5 Kashiwanoha, Kashiwa, Chiba, Japan

<sup>2</sup>Faculty of Science and Engineering, Chuo University, 1-13-27 Kasuga, Bunkyo, Tokyo, Japan

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*Jing-xian KANG, Qun Yi, Yi HUANG, Wen-ying LI<sup>#</sup>*

Training Base of State Key Laboratory of Coal Science and Technology Jointly Constructed by Shanxi Province and Ministry of Science and Technology, Taiyuan University of Technology, Taiyuan 030024, PR China

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*Ewelina KSEPKO<sup>1</sup>, Kyle O'MALLEY<sup>2\*</sup>, Daniel WAKEHAM<sup>2#</sup>, Kevin WHITTY*

<sup>1</sup> Institute for Chemical Processing of Coal, Zabrze, Poland

<sup>2</sup> Department of Chemical Engineering, University of Utah, Salt Lake City, Utah, USA

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*Øyvind LANGØRGEN, Inge SAANUM<sup>1</sup>, Nils Erland HAUGEN<sup>1</sup>*

SINTEF Energy Research, Norway

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*Doyeon LEE<sup>1#</sup>, Byung Wook HWANG<sup>1</sup>, Myung Won SEO<sup>1</sup>, Kang Seok GO<sup>1</sup>, Hyungseok NAM<sup>1</sup>, Jeom-In BAEK<sup>2</sup>, Ho-Jung RYU<sup>1\*</sup>*

<sup>1</sup>Korea Institute of Energy Research, 152 Gajeong-ro, Yuseong-gu, Daejeon, 34129, Republic of Korea

<sup>2</sup>KEPCO Research Institute 105, Munji-ro, Yuseong-gu, Daejeon 34056, Republic of Korea

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*Zuoan LI<sup>1\*#</sup>, Martin SUNDING<sup>1</sup>, Øyvind LANGØRGEN<sup>2</sup>, Yngve LARRING<sup>1</sup>*

<sup>1</sup>SINTEF Industry, Forskningsveien 1, Oslo, Norway

<sup>2</sup>SINTEF Energy Research, Trondheim, Norway

**P – 19 CHEMICAL LOOPING COMBUSTION USING MALAYSIAN RED SOIL**

*Wen LIU<sup>1\*#</sup>, Nurfanizan Binte MOHD AFANDI<sup>2</sup>, Abreeza MANAP<sup>2</sup>*

<sup>1</sup>School of Chemical and Biomedical Engineering, Nanyang Technological University, 62 Nanyang Drive, Singapore 637459, Singapore

<sup>2</sup>College of Engineering, Universiti Tenaga Nasional, Jalan Ikram-Uniten, 43000 Kajang, Selangor, Malaysia

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*Jinchen MA<sup>1,§</sup>, Chaoquan WANG<sup>1,§</sup>, Haibo ZHAO<sup>1,\*</sup>, Xin TIAN<sup>1</sup>, Guoping CHEN<sup>1</sup>*

<sup>1</sup>State Key Laboratory of Coal Combustion, School of Energy and Power Engineering, Huazhong University of Science and Technology, Wuhan, 430074, P. R. China.

**P – 21 ASSESSMENT OF THE IMPROVEMENT OF CHEMICAL LOOPING COMBUSTION OF COAL BY USING A MANGANESE ORE AS OXYGEN CARRIER**

*Teresa MENDIARA, Pilar GAYAN, Alberto ABAD, José A. BUENO, Francisco GARCIA-LABIANO, Luis F. DE DIEGO, Juan ADÁNEZ*

Instituto de Carboquímica (ICB-CSIC), Spain

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*Hyungseok NAM<sup>1#</sup>, Doyeon LEE<sup>1</sup>, Sung-Ho JO, Ho-Jung RYU<sup>1\*</sup>, Jeom-In BAEK<sup>2</sup>*

<sup>1</sup>Korea Institute of Energy Research, 152 Gajeong-ro, Yuseong-gu, Daejeon, 34129, Republic of Korea

<sup>2</sup>KEPCO Research Institute, 105 Munji-ro, Yuseong-gu, Daejeon 34056, Republic of Korea

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*Junichiro OTOMO<sup>1\*</sup>, Martin KELLER<sup>1#</sup>, Hikaru OKA<sup>1</sup>, Kazuki MATSUBARA<sup>1</sup>, Takeshi HATANAKA<sup>2</sup>*

<sup>1</sup>Department of Environment Systems, Graduate School of Frontier Sciences, The University of Tokyo, Japan

<sup>2</sup>Research Institute of Energy Frontier, Department of Energy and Environment, National Institute of Advanced Industrial Science and Technology, Japan

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*R.J. PETERSON<sup>\*#</sup>, Kevin J. WHITTY*

Dept. of Chemical Engineering, University of Utah

50 S. Central Campus Dr. Room 3290, Salt Lake City, Utah 84112 USA

**P – 25 ENHANCING GASIFICATION KINETICS OF PETCOCK BY POTASSIUM IMPREGNATION ON UNDER CLC CONDITION**

*Iwei WANG<sup>1</sup>, Zhenshan LI<sup>2</sup>, Wei WANG<sup>1</sup>*

<sup>1</sup>School of Environment, Tsinghua University, China

<sup>2</sup>Department of Energy and Power Engineering, Tsinghua University, China

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*Hou-Chuan WANG<sup>1\*</sup>, Hsiu-Hsia LEE, Cheng-Hsien SHEN, Cetera CHEN<sup>#</sup>, Ming-Hui CHANG, Jui-Yen CHENG, Hou-Peng WAN*

Green Energy and Environment Research Laboratories, Industrial Technology Research Institute, Taiwan(R.O.C.)

**P – 27 CYCLIC CO<sub>2</sub> CAPTURE BEHAVIOUR OF MODELLED CAO-BASED PELLETS WITH NANO CARBON POWDER TEMPLATING**

*Yongqing XU, Cong LUO<sup>\*</sup>, Xiaoshan LI, Jie ZOU, Liqi ZHANG*

State Key Laboratory of Coal Combustion, School of Energy and Power Engineering, Huazhong University of Science and Technology, 1037 Luoyu Road, Wuhan 430074, P. R. China

**P – 28 EFFECT OF SODIUM REMOVAL ON CHEMICAL LOOPING COMBUSTION OF HIGH-SODIUM COAL WITH HEMATITE AS OXYGEN CARRIER**

*Jingchun YAN<sup>1#</sup>, Haiming GU<sup>2</sup>, Huijun GE<sup>1</sup>, Shouxi JIANG<sup>1</sup>, Lulu WANG<sup>1</sup>, Laihong SHEN<sup>1\*</sup>*

<sup>1</sup>Key Laboratory of Energy Thermal Conversion and Control of Ministry of Education, School of Energy and Environment, Southeast University, Nanjing, China

<sup>2</sup>School of Energy and Power Engineering, Nanjing Institute of Technology, Nanjing, China

**P - 29 CHEMICAL LOOPING PARTIAL OXIDATION OF CARBON USING CA-FE BASED COMPOSITE OXYGEN CARRIERS**

*Jinzhong ZHANG, Jingli WU, Tao HE, Zhiqi WANG, Jinhu WU*

Key Laboratory of Biofuels, Qingdao Institute of Bioenergy and Bioprocess Technology, Chinese Academy of Sciences, 189 Songling Road, Qingdao 266101, China