

大连化物所因公出访事前公示表

出访人团组成员基本信息：			
姓名	部门		职务
杨维慎	504		
朱雪峰	504		
出访国家或地区	美国和波兰	顺访国家或地区	无
出访任务	参加在美国举办的第20届国际固态离子学会议；顺访美国科罗拉多州矿业学院；参加在波兰举办的第12届国际膜催化反应会议。		
出国预算	80000元		
经费来源	<input checked="" type="checkbox"/> 课题组 <u>504, 80000元</u> <input type="checkbox"/> 研究所 _____ <input type="checkbox"/> 国外资助单位 _____ <input type="checkbox"/> 其他资助单位 _____		
开始日期	2015年6月14日	结束日期	2015年6月27日
往返路线	大连-北京-美国丹佛-波兰什切青-北京-大连		
主要日程安排： 2015. 6. 14， 大连-北京-美国丹佛 2015. 6. 14-19， 参加第20届国际固态离子学会议 2015. 6. 19-20， 顺访科罗拉多州矿业学院 2015. 6. 21， 美国丹佛-波兰什切青 2015. 6. 22-25， 参加第12届国际膜催化反应会议 2015. 6. 26， 出发返回大连 2015. 6. 27， 抵达大连			
邀请单位介绍： 国际固态离子学会议是固体电化学领域最有名的国际会议，由国际材料研究会（MRS）主办，本届会议由美国加州大学、斯坦福大学、科罗拉多矿业学院、西北大学、国家可再生能源实验室、俄勒冈大学、麻省理工学院、特拉华大学和德国马普所共同承办，在美国卡罗拉多州Keystone举行，为期六天。本届会议将围绕近年来固态离子学领域涉及的清洁与可再生能源方面的研究热点展开，如：燃料电池、储能电池、透明导电材料、固体光电化学、传感器、高温太阳能电池、离			

子传导膜等。该会议将对固态离子学领域涉及的科学与技术发展起到极大的促进和推动作用。该会议风格独特，学术层次高，在国际学术界具享有极高的声誉和广泛的影响。

科罗拉多矿业学院的Ryan O'Hare 教授是本届国际固态离子学会议的主要组织者，他于2012年受中科院外国专家特聘研究员计划资助来我所504组展开了为期半年的交流合作。科罗拉多矿业学院是美国一流的公立研究型大学，主要致力于工程及应用科学研究，是世界上资源开发、开采及利用方面研究实力最强的机构之一。科罗拉多矿业学院是为了迎合当地的采矿业而建，它是科罗拉多州第一所公立的高等学府，也是科罗拉多州工科第一校，生源和就业均很好，在全美特别是科罗拉多州具有极好的声誉。

国际膜催化反应会议是膜领域国际上一个重要的专业会议，会议主要报道各种膜与膜过程与催化反应过程结合的基础与应用研究，是膜领域最具特色的学术会议。会议每两年举办一次，今年将由西波莫瑞工业大学承办，在波兰什切青举办第12次会议，为期5天。本届会议膜和催化领域的专家、学者将围绕膜催化反应器、催化剂与膜的过程强化设计、过程模拟与优化、工业规模膜过程与反应集成、光催化氧化与膜分离耦合、电化学装置中的膜与反应、生物膜反应器处理污水、膜反应器在人造组织与器官中的应用等方面进行深入的交流和讨论，可以预见的是本届会议将对膜分离和催化学科的发展及应用起到极大的促进和推动作用。

西波莫瑞工业大学（波兰语 Zachodniopomorski Uniwersytet Technologiczny w Szczecinie，英语 West Pomeranian University of Technology）位于波兰西滨海省的什切青市，是一所新组建的大学。该大学于2009年1月1日由前什切青农学院与前什切青工业大学合并而成。西波莫瑞工业大学在波兰排21名，在校学生达15000多人。西波莫瑞工业大学学科门类齐全，下辖10个学院，如：生物技术与畜牧业繁殖学院，化学工程学院，土木工程与建筑学院，计算机科学与信息技术学院，经济学院，电气工程等等。

下附：邀请信



March 16, 2015
Professor Weishen Yang
Dalian Institute of Chemical Physics
Chinese Academy of Sciences
Dalian, P. R. China

Professor Yang,

It is my great pleasure to approve your invited talk based on your submitted abstract (SSI abstract #2226246), entitled “Effects of impurities on the performance of MIEC membrane at intermediate-low temperature” for presentation at the 20th International Conference on Solid State Ionics (SSI20). SSI20 will be held June 14-19th in Keystone, Colorado, USA. As the largest international conference dedicated to solid state electrochemistry, ionic materials, and devices, the International Conference on Solid State Ionics serves as a central forum to bring together top electrochemists and materials scientists working across a wide spectrum of electrochemical energy conversion materials and technologies from batteries to capacitors to fuel cells to electrolysis to separations.

On behalf of my fellow conference co-organizers, I look forward to your contribution at SSI20.

Sincerely,

Ryan O’Hayre

Professor
Metallurgical & Materials Engineering Department
Colorado School of Mines



March 16, 2015
Professor Xuefeng Zhu
Dalian Institute of Chemical Physics
Chinese Academy of Sciences
Dalian, P. R. China

Professor Zhu,

It is my great pleasure to invite you to present your submitted abstract (SSI abstract #2223383), entitled “Surface impacts on the degradation of $\text{Ba}_{0.5}\text{Sr}_{0.5}\text{Co}_{0.8}\text{Fe}_{0.2}\text{O}_{3-\delta}$ membranes at intermediate-low temperature for oxygen permeation” at the 20th International Conference on Solid State Ionics (SSI20). SSI20 will be held June 14-19th in Keystone, Colorado, USA. As the largest international conference dedicated to solid state electrochemistry, ionic materials, and devices, the International Conference on Solid State Ionics serves as a central forum to bring together top electrochemists and materials scientists working across a wide spectrum of electrochemical energy conversion materials and technologies from batteries to capacitors to fuel cells to electrolysis to separations.

On behalf of my fellow conference co-organizers, I look forward to your contribution at SSI20.

Sincerely,

Ryan O’Hayre

Professor
Metallurgical & Materials Engineering Department
Colorado School of Mines



January 28, 2015
Prof. Weishen Yang and Prof. Xuefeng Zhu
Dalian Institute of Chemical Physics
Chinese Academy of Sciences
Dalian, P. R. China

Dear Prof. Yang and Prof. Zhu,

It is my great pleasure to invite you for a visit of the Advanced Energy Materials Laboratory (AEML) at the Colorado School of Mines, United States in June 19-20, 2015, with the purpose of developing further collaborations in the area of ceramic membranes for gas permeation and fuel cell applications.

The visit is proposed based on our respective strengths in different sectors of this area. At AEML, a significant part of our ongoing research is dedicated to developing novel proton-conducting ceramic membranes for gas separations and fuel cell applications. Based on our previous collaborations at DICP during my stay there as a Visiting Senior Professor, and through your recent journal publications, I have high regards to your modeling and experimental expertise in mixed oxygen-ion/electron conducting ceramic membrane materials. I hope to further our understanding of new opportunities in mixed proton/oxygen-ion conducting membrane materials through an exchange of ideas during your visit. I expect that you will find the visit worthwhile too, for our strong expertise in protonic ceramics and oxides for fuel cell cathodes will likely benefit your membrane research at DICP. It is my hope that the complementary nature of our potential collaborations shall bring ample opportunities to publish high-impact papers and for us to apply for international projects in the future.

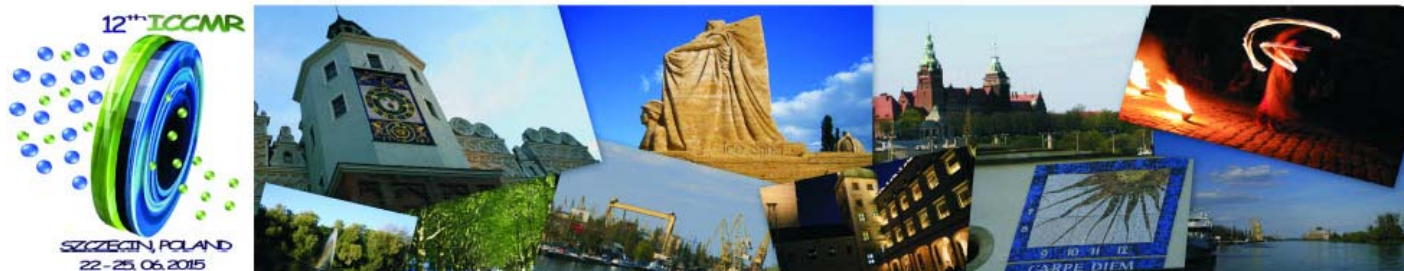
I look forward to hosting you here in Golden this June.

Sincerely,

Ryan O'Hayre

Professor
Metallurgical & Materials Engineering Department
Colorado School of Mines

12th International Conference on Catalysis in Membrane Reactors



Re: Abstract acceptance letter

12th International Conference on Catalysis in Membrane Reactors (ICCMR12)

22nd-25th June, 2015

Szczecin, Poland

<http://www.iccmr12.zut.edu.pl>

e-mail: iccmr12@zut.edu.pl

Dear Prof. Weishen Yang,

We are pleased to inform you that your abstract entitled “Conversion of xylose into furfural in a MOF-based mixed matrix membrane reactor” (Hua Jin, Yanshuo Li, Xinlei Liu, Weishen Yang) has been accepted for oral presentation and the abstract entitled “Enhancement of transesterification reactions using methanol-selective FAU-type zeolite membranes” (Guangqi Zhu, Yanshuo Li, Weishen Yang) has been accepted for poster presentation at the 12th International Conference on Catalysis in Membrane Reactors (ICCMR12) to be held from June 22nd to 25th, 2015 in Szczecin, Poland.

The aim of the ICCMR conferences is to promote the research and progress in the area of catalytic membrane systems by bringing together academic scientists and industry working in the membrane, catalysis and process engineering fields. The conference will cover traditional and new areas of membrane reactors, including catalytic MRs, membrane bioreactors, electrochemical devices, photocatalytic membrane reactors, artificial organs and tissue engineering, and other catalytic membrane systems. You can find out all details about ICCMR12 from the conference website at <http://www.iccmr12.zut.edu.pl>.

Thank you for your submission and we look forward to welcoming you in Szczecin.

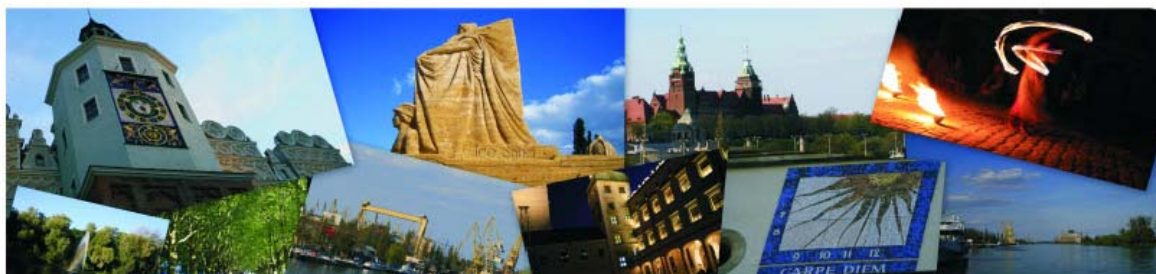
Yours sincerely,

Sylwia Mozia

on behalf of

ICCMR12 Local Organizing Committee

12th International Conference on Catalysis in Membrane Reactors



Re: Abstract acceptance letter

12th International Conference on Catalysis in Membrane Reactors (ICCMR12)

22nd-25th June, 2015

Szczecin, Poland

<http://www.iccmr12.zut.edu.pl>

e-mail: iccmr12@zut.edu.pl

Dear Prof. Xuefeng Zhu,

We are pleased to inform you that your abstract entitled “Hydrogen separation using mixed ionic-electronic conducting membrane reactors” (Wenping Li, Xuefeng Zhu, Zhongwei Cao, Weishen Yang) has been accepted for oral presentation at the 12th International Conference on Catalysis in Membrane Reactors (ICCMR12) to be held from June 22nd to 25th, 2015 in Szczecin, Poland.

The aim of the ICCMR conferences is to promote the research and progress in the area of catalytic membrane systems by bringing together academic scientists and industry working in the membrane, catalysis and process engineering fields. The conference will cover traditional and new areas of membrane reactors, including catalytic MRs, membrane bioreactors, electrochemical devices, photocatalytic membrane reactors, artificial organs and tissue engineering, and other catalytic membrane systems. You can find out all details about ICCMR12 from the conference website at <http://www.iccmr12.zut.edu.pl>.

Thank you for your submission and we look forward to welcoming you in Szczecin.

Yours sincerely,

Sylwia Mozia

on behalf of

ICCMR12 Local Organizing Committee