

ИЗБОРИ АИНС 2021.
Одељење за технологију, металургију и науке о материјалима

Инострани члан
Професор др Еуген А. Олевски

На седници Председништва АИНС одржане 14. јула 2021. године, а на предлог секретара Одељења ОТМН, проф. Биљане Стојановић, одређени смо за чланове Комисије за писање реферата за избор иностраног члана АИНС проф. др Еугена Олевског. На основу увида у документацију, која нам је достављена и у складу са Статутом и Правилником АИНС достављамо вам следећи:

РЕФЕРАТ

1. БИОГРАФСКИ ПОДАЦИ

Професор др Еуген А. Олевски, декан Факултета за инжењерство, почасни професор машинства и директор Лабораторије за технологију прахова на Државном универзитету у Сан Дијегу у Калифорнији, рођен је 6. марта 1962. године у Кијеву. На Националном универзитету у Кијеву је завршио основне студије и два мастер програма из области машинства и примењене математике. Докторску дисертацију из области инжењерства материјала је одбранио 1990. године на Националној академији наука у Украјини. Усавршавање је наставио на постдокторским студијама из области механике и материјала на Макс Планк Институту за истраживање метала у Штутгарту, а затим из области металургије и инжењерства материјала на Католичком универзитету у Лувену. На Калифорнијском универзитету у Сан Дијегу одлази 1995. године, а три године касније добија позицију асистента на Државном универзитету у Сан Дијегу. Проф. Олевски је једини инжењер на овом универзитету који носи титулу уваженог професора (*A.W. Johnson Distinguished Professor*). Др Олевски је од 2016. године професор на Катедри за наноинжењеринг на Калифорнијском универзитету у Сан Дијегу. Проф. Олевски говори енглески, немачки, руски, украјински и француски језик.

2. НАУЧНИ РЕЗУЛТАТИ

Проф. Олевски је један од водећих светских научника у области моделовања синтеровања прахова. Аутор је међународно признате теорије континуалног синтеровања. Најважнија област рада проф. Олевског су експериментално и рачунарско моделовање обраде (процесирања) прахова и синтеза керамичких, металних, стаклених и композитних материјала. Неке од области научног рада проф. Олевског су металургија прахова, процесирање керамике, тродимензионална штампа, биоматеријали, депозиција прахова, електрохемија, раст кристала и електролиза, микроталасно синтеровање, математичко моделовање и симулације синтеровања. Проф. Олевски је аутор више од 500 научних радова и више од 150 позивних предавања и презентација на више од 120 научних скупова. Према Scopus-у цитатиран је 5770 пута (4637 без аутоцитата), са *h*-индексом 40 у периоду 2006-2021.

Проф. Олевски је добитник више од 90 националних и међународних пројеката у вредности од преко 23 милиона долара. Едитор је у бројим међународним часописима као што су *Powder Metallurgy*, *Science of Sintering*, *International Journal of Ceramic Engineering and Science*, *Metals*, *Powder Metallurgy and Metal Ceramics*, *Korean Journal of Materials Research*. Проф. Олевски је био ментор 22 докторске дисертације, 33 мастер рада и преко 30 дипломских радова. Био је саветник бројним истраживачима и гостујућим професорима. Као гостујући професор, предавао је на универзитетима у Белгији, Данској, Француској, Немачкој, Италији, Јапану, Русији, Северној Кореји и Шведској. Одржао је 80 курсева на основним и постдипломским студијама на Државном универзитету у Сан Дијегу и на Калифорнијском универзитету у Сан Дијегу током 20 година наставног искуства. Као декан Факултета за инжењерство Државног

универзитета у Сан Дијегу посвећен је унапређењу образовања, науке и дисеминације знања. Укупне донације овом факултету увећане су више од два пута током његовог мандата и досежу 20 милиона америчких долара.

3. ИНЖЕЊЕРСКИ РЕЗУЛТАТИ

Као аутор 10 патената/патентних пријава, дао је значајан допринос производњи функционално градијентних композита, који укључују керамичке, металне, полимерне и стакласте фазе, методама униаксијалног замрзавања, сушења замрзавањем-испаривањем, синтеровањем и накнадном инфилтрацијом нових фаза у формиране поре. Такође, дао је допринос производњи комплексних механичких облика методом синтеровања под притиском, као и методом тродимензионалног штампања полимера и накнадним испуњавањем празнина пражина праховима метала и керамике.

Изузетан научни и инжењерски допринос проф. Олевског је међународно препознат и признат бројним наградама и признањима. Проф. Олевски је члан Америчког керамичког друштва, Америчког друштва машинског инжењерства, Америчког удружења металурга (ASM International) и др. Добитник је Хумболт стипендије и бројних награда: Minerals, Metals & Materials Society (TMS) Distinguished Scientist/Engineer Award, SDSU Alumni Association Outstanding Faculty Award и SDSU President Leadership Award, као и награде Руског министарства науке и образовања за водећег светског научника. Он је почасни члан Украјинског друштва за испитивање материјала и редовни члан и заменик председника у Међународном институту науке о синтеровању.

4. ЗАКЉУЧАК

Због свега горе наведеног, Комисији је представљало посебно задовољство што је проф. др Еуген Олевски прихватио нашу иницијативу да буде предложен за иностраног члана АИНС. При томе треба истаћи чињеницу да нам је због већ раније успостављених контаката и будуће сарадње проф. Олевског са научницима из Србије, који раде у области науке о синтеровању, част што смо у прилици да предложимо Академији инжењерских наука Србије овог водећег светског научника у области синтеровања прахова, металургије и машинства за иностраног члана.

КОМИСИЈА

Београд, 23.11.2021.

1. Проф. др Драган Ускоковић, редовни члан АИНС

2. Проф. др Биљана Стојановић, редовни члан АИНС

3. Проф. др Љубинка Рајаковић, редовни члан АИНС




БИОГРАФСКИ ПОДАЦИ: Постдокторат: Механика и Материјали, Макс Планк институт за истраживање материјала, Штутгарт, Немачка (1992-1994), ментор: Др Гунтер Пецов. Инжењерство материјала, Национална академија наука, Украјина (1990), ментор: Валериј Скороход, два магистрата паралелно: Машинско инжењерство, Кијевски институт технологије; специјализација: Машине и технологија метала (1985), други магистарски степен: Примењена математика, Кијевски Национални Универзитет; специјализација: Диференцијалне једначине (1986). Проф. Еуген Олевски је декан Колеца за инжењерство Универзитета у Сан Дијегу (SDSU), САД и истакнути професор машинског инжењерства. SDSU Колец за инжењерство, кога води декан Олевски је посвећен иновативном образовању, истраживању и врхунском преносу знања. Већ дуже од 60 година наведена институција

нуди многобројне програме и различите нивое академских степена за едукацију различитих група студената. Проф. Олевски је директор Лабораторије за технологију прахова SDSU. Олевски има и позицију професора у области наноинжењерства на Универзитету Калифорније у Сан Дијегу.

ОБЛАСТ ЕКСПЕРТИЗЕ, ИСТРАЖИВАЊА и НАУЧНИ РЕЗУЛТАТИ: Наука о материјалима, машинско инжењерство, синтеровање, процесирање материјала помогнуто електричним пољем, производни процеси, биоматеријали, процесирање прахова, металургија, 3Д штампа. Основна област експертизе проф. Олевског је базирана на експерименталном и рачунарском моделовању у процесирању прахова, укључујући и за синтезу нових керамичких, металних, стакластих и композитних материјала. Аутор је међународно познате теорије у науци о синтеровању. Проф. Олевски је аутор преко **500 научних публикација и презентација**, имао је више од **150 позивних и уводних предавања** на великом броју научних скупова и конференција. Према Томсон Ројтерс ИСИ, Олевски је један од најчешће цитираних научника у свету у области моделовања синтеровања прахова. Радови везани за теорију синтеровања постигли су апсолутни рекорд у броју цитирања у области теорија синтеровања. Менторисао је више од 100 студената и гостујућих истраживача на основним, магистарским, докторским и постдокторским студијама. Као гостујући професор борао је у Белгији, Данској, Француској, Немачкој, Италији, Јапану, Русији, Јужној Кореји и Шведској. Према Скопус бази, његови публиковани радови цитирани су **5770** пута (4637 без аутоцитата) са **h-индексом 40** (период 2006-2021).

ИНЖЕЊЕРСКИ РЕЗУЛТАТИ: Др. Олевски је једини инжењер на SDSU који је добио почасну титулу А.В. Џонсон Истакнути Професор. Аутор је **10 патената**, који су битни за производњу градијентних композита на бази керамичких, металних, полимерних и стакластих фаза применом различитих метода процесирања. Дао је такође значајан допринос за производњу комплексних маханичких облика, добијених методом синтеровања под притиском, као и тродимензионалних штампаних полимерних матрица пуњених металним или керамичким праховима

Др Олевски је члан Америчког керамичког друштва, Америчког друштва за машинске инжењере, Америчког друштва металургије; био је Хумболт стипендиста; добитник награде за истакнутог научника Друштва за минерале, метале и материјале, истакнуте награде алумни асоцијације SDSU и награде за студента лидера SDSU. Проф. Олевски је такође добитник награде за водеће светске научнике Министарства науке и образовања Руске федерације и почасни је члан Украјинског друштва за изучавање материјала. Проф. Олевски је редован члан и потпредседник Међународног института за науку о синтеровању (IISS). Проф. Олевски је председавао серији светских конференција IISS о синтеровању.



BIOGRAPHICAL DATA: Post-Doctorate: in Mechanics and Materials: Max-Planck-Institute for Metal Research, Stuttgart, Germany (1992-1994), Advisor: Gunter Petzow, Ph.D. Materials Engineering, National Academy of Sciences, Ukraine (1990) Advisor: Valery Skorokhod, two M.S. degrees (with 1st Student Rank - valedictorian) simultaneously: B.S./M.S.: Mechanical Engineering, Kiev Institute of Technology; specialization: Machines and Technology of Metal Working (1985), B.S./M.S.: Applied Mathematics, Kiev National University; specialization: Differential Equations (1986). Eugene Olevsky is the Dean of the College of Engineering of San Diego State University and Distinguished Professor of Mechanical Engineering. The SDSU College of Engineering led by Dean Olevsky is dedicated to innovative education, research, and dissemination of knowledge.

For over 60 years, the College has been offering a wide range of degrees and programs through a blend of rigorous and project-based curricula to educate a diverse group of students. Prof. Olevsky is the Director of the Powder Technology Laboratory at San Diego State University, San Diego, California. He also holds the position of Professor of Nanoengineering at the University of California, San Diego.

AREAS OF EXPERTISE, RESEARCH ACTIVITIES and SCIENTIFIC RESULTS: Materials Science, Mechanical Engineering, Sintering, Field-Assisted Materials Processing, Manufacturing Processes, Biomaterials, Powder Processing, Metallurgy, Additive Manufacturing. Prof. Olevsky's primary area of expertise is in experimentation and computational modeling on powder processing, including novel ceramic, metallic, glass, and composite material synthesis. Eugene Olevsky is the author of the internationally recognized continuum theory of sintering. Eugene Olevsky is the author of over **500 scientific publications** and presentations and more than **150 invited** and keynote talks at various professional meetings. According to Thomson Reuters ISI, Prof. Olevsky is one of the world's most frequently cited researchers in the area of modeling of powder sintering, and his articles on the continuum theory of sintering became an absolute benchmark with the highest number of citations. He has supervised more than 100 graduate, undergraduate, and post-doctoral students and visiting researchers. Dr. Olevsky's contributions to research and education have been recognized by multiple awards and honors and with broad international recognition. He has served as invited visiting professor in Belgium, Denmark, France, Germany, Italy, Japan, Russia, South Korea, and Sweden. According to Scopus his published articles were cited **5770** (4637 without autocitation), **h-index** is **40** (period 2006-2021).

ENGINEERING RESULTS: Dr. Olevsky is the only engineering faculty member at San Diego State University to be awarded the title of A.W. Johnson Distinguished Professor. He is author of **10 patents**, giving high contribution to production of gradient composites, based on ceramics, metals, polymers and glass phases using various processing methods. Prof. Olevski also gave contribution to production of complex mechanical forms obtained by sintering under pressure, three dimensional printing of polymers filled with metals or ceramic powders.

Dr. Olevsky is a Fellow of the American Ceramic Society, a Fellow of the American Society of Mechanical Engineers, Fellow of ASM International (American Society of Metallurgy); Humboldt Fellow; he is the recipient of the Minerals, Metals & Materials Society (TMS) Distinguished Scientist/Engineer Award, SDSU Alumni Association Outstanding Faculty Award, and SDSU President Leadership Award. Prof. Olevsky is also a recipient of the Leading World Scientist Award of the Ministry of Science and Education of the Russian Federation; he is an Honorary Member of the Ukraine Materials Research Society. Prof Olevski is a full Member and Vice-President of the International Institute of Science of Sintering. Eugene Olevsky serves as a Chair of the series of International Sintering Conferences, the World Congress on Sintering.

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- **Patents:**

512. E.A. Olevsky, A.A. Mikhailov, and V.G. Tkachenko, Method of atomization of solid materials, AC SU 1447401 (1986)
513. E. Olevsky, X. Wang, and M. Stern, Hybrid slip casting – electrophoretic deposition (EPD) process, US Patent 8,216,439 (2012)
514. S.S. Bashlykov, E.G. Grigoryev, E.A. Olevsky, A method for producing consolidated powder materials, RFP 2012140281/02 (065081) (2012)
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519. G. Lee, C. Maniere, E. Olevsky, Selective Sintering-based fabrication of fully dense complex shaped parts, U.S. Provisional Patent Application, SDSU TTO (2018)
520. C. Maniere and E. Olevsky, In-situ partially degradable separation interface for fabrication of complex near net shape objects by pressure assisted sintering, U.S. Provisional Patent Application, US Patent App. 17/042,176 (2021)
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- **Presentations and Reports:**

- 8th International Congress on Ceramics (ICC8), Busan, South Korea (via Zoom), 2021
- ASEE Engineering Deans Institute (via Zoom), 2021

- Minerals, Metals & Materials Society (TMS) 2021 Annual Meeting & Exhibition, USA (via Zoom), 2021
- III National Workshop on Spark Plasma Sintering, Poland (via Zoom), 2020
- Materials Science and Technology Annual Meeting & Exhibition, USA (via Zoom), 2020
- International Symposium on Nanostructured, Nanoengineered and Advanced Materials (ISNNAM 2020), Johannesburg, South Africa (via Zoom), 2020
- Minerals, Metals & Materials Society (TMS) 2020 Annual Meeting & Exhibition, San Diego, CA, 2020
- Materials Science and Technology Annual Meeting & Exhibition, Portland, OR, 2019
- 11th World Round Table Conference on Sintering, Herceg Novi, Montenegro, 2019
- DOE Synthesis and Processing Science Principal Investigators' Meeting, Gaithersburg, MD, 2019
- Eleventh International Conference on High-Performance Ceramics, Kunming, China, 2019
- 43rd International Conference and Exposition on Advanced Ceramics and Composites, Daytona Beach, FL, 2019
- Materials Research Society Fall Meeting, Boston, MA, 2018
- Materials Science and Technology Annual Meeting & Exhibition, Columbus, OH, 2018
- Powder Metallurgy World Congress, Beijing, China, 2018
- International CIMTEC Conference, Italy, Perugia, 2018
- International Workshop on Spark-Plasma Sintering, Cagliari, Italy, 2018
- International Conference on Electronic and Advanced Materials, Orlando, FL, 2018
- DOE Synthesis and Processing Science Principal Investigators' Meeting, Gaithersburg, MD, 2017
- Materials Science and Technology Annual Meeting & Exhibition, Pittsburgh, PA, 2017
- Sintering 2017, San Diego, CA, 2017
- International Workshop on Field Assisted Sintering Technology (FAST), Penn State University, College Park, PA
- Workshop on Electromagnetic Effects in Materials Synthesis, Carnegie Mellon University, Pittsburgh, PA, 2017
- 2th Pacific Rim Conference on Ceramic and Glass Technology (PacRim12), Waikoloa, Hawaii, 2017
- 6th International Conference on Field-Assisted Consolidation Technologies, Moscow, Russia, 2017
- TMS Annual Meeting & Exhibition, San Diego, CA, 2017
- ORNL Binder Jetting Research Kickoff Meeting, Knoxville, TN, 2016
- Materials Science and Technology Annual Meeting & Exhibition, Salt Lake City, UT, 2016
- Powder Metallurgy World Congress, Hamburg, Germany, 2016
- TMS Annual Meeting & Exhibition, Nashville, TN, 2016
- Gordon Research Conference on Solid State Studies in Ceramics, South Hadley, MA, 2016
- International Workshop on Field-Assisted Materials Processing, Tomar, Portugal, 2016
- Conference Chair and Organizer, 5th International Conference on Field-Assisted Consolidation Technologies, Moscow, Russia, 2016
- 17th International Materials Engineering Conference, Tel-Aviv, Israel, 2016

- DOE BES MSE Synthesis and Processing Science Principal Investigator's Meeting, Gaithersburg, MD, 2015
- MS&T 2015, Columbus, OH, 2015
- 124th Committee of the Japan Society for Promotion of Science, Tokyo, Japan, 2015
- 11th Pacific Rim International Conference of Ceramic Societies, Jeju Island, Korea, 2015
- International Workshop on Sintering and Microstructure Evolution, Daejeon, Korea, 2015
- 49th Annual Microwave Power Symposium, San Diego, CA, 2015
- Powder Metallurgy International Conference, San Diego, CA, 2015
- MS&T 2014, Pittsburgh, PA, 2014
- Sintering 2014, Dresden, Germany, 2014
- Spark-Plasma Sintering International Workshop, Toulouse, France, 2014
- 13th International Symposium on Novel and Nano Materials, Krakow, Poland, 2014
- CIMTEC: 13th International Conference on Modern Materials and Technologies, Montecatini Terme, Italy, 2014
- The 144th TMS Annual Meeting & Exhibition, San Diego, 2014
- 3rd International Conference on Field-Assisted Consolidation Technologies, Moscow, Russia, 2014
- MS&T'13, Montreal, Canada, 2013
- NSF DMREF Grantees Workshop, Washington DC, 2013
- International Summer School on Optimized Processing of Multi-Material Architectures for Functional Ceramics, Roskilde, Denmark, 2013
- 8th Pacific Rim International Congress on Advanced Materials, Waikoloa, HI, 2013
- International Congress on Powder Metallurgy, Chicago, IL, 2013
- The 10th Pacific Rim Conference on Ceramic and Glass technology, San Diego, CA, 2013
- 2nd International Conference on Field-Assisted Consolidation Technologies, Moscow, Russia, 2013
- TMS 13, San-Antonio, TX, 2013
- The 36th International Conference on Advanced Ceramics and Composites, Daytona Beach, FL, 2013
- Annual Research Conference at Moscow Engineering Physics University, Moscow, Russia, 2013
- World Congress on Powder Metallurgy, Yokohama, Japan, 2012
- MS&T'12, Pittsburgh, PA, 2012
- European Powder Metallurgy Conference, Basel, Switzerland, 2012
- International Congress on Powder Metallurgy, Nashville, TN, 2012
- 1st International Conference on Field-Assisted Consolidation Technologies, Tver, Russia, 2012
- 10th International Symposium on Ceramic Materials and Components for Energy and Environmental Applications, Dresden, Germany, 2012
- TMS 12, Orlando, FL, 2012
- MS&T'11, Columbus, OH, 2011
- European Powder Metallurgy Conference, Barcelona, Spain, 2011
- Sintering 2011, Jeju Island, Korea, 2011

- International Congress on Powder Metallurgy, San Francisco, CA, 2011
- FAST Workshop, Darmstadt, Germany, 2011
- TMS Annual Meeting, San Diego, CA, 2011
- NSF Design, Manufacturing & Industrial Innovation Research Conference, Atlanta, GA, 2011
- Powder Metallurgy World Congress, Florence, Italy, 2010
- Materials Science and Engineering International Conference, Darmstadt, Germany, 2010
- MS&T'10, Houston, TX, 2010
- The 7th Pacific Rim International Conference on Advanced Materials and Processing, Cairns, Australia, 2010
- The 12th International Conference on Modern Materials and Technologies, Montecatini Terme, Italy, 2010
- The 34th International Conference on Advanced Ceramics and Composites, Daytona Beach, FL, 2010
- Fall Meeting of Korean Powder Metallurgy Institute, Jeju Island, Korea, 2009
- MS&T'09, Pittsburgh, PA, 2009
- Sintering 2009, Kiev, Ukraine, 2009
- 8th Pacific Rim Conference on Ceramic and Glass Technology, Vancouver, CA, 2009
- Fourth International Workshop on Layered and Graded Materials, Harbin, China, 2009
- NSF Micro Powder Injection Modeling for Medical Applications Workshop, Orlando, FL, 2009
- International Conference Sintering 2008, San Diego, CA, 2008
- MS&T 2008 International Conference, Pittsburgh, PA, 2008
- Powder Metallurgy World Congress, Washington, DC, 2008
- 10th International Conference on Ceramic Processing Science, Inuyama, Japan, 2008
- 32nd International Conference and Exposition on Advanced Ceramics and Composites, Daytona, FL, 2008
- NSF Design, Manufacturing & Industrial Innovation Research Conference, Saint-Louis, MO, 2008
- 13th International Materials Engineering Conference, Haifa, Israel, 2007
- 7th Pacific Rim Conference on Ceramic and Glass Technology, Shanghai, China, 2007
- MS&T 2007 International Conference, Detroit, MI, 2007
- The Fifth China International Conference on High-Performance Ceramics (CICC-5), Changsha, China, 2007
- International Conference on Non-Isothermal Phenomena and Processes, Yerevan, Armenia, 2006
- World Congress on Powder Metallurgy, Busan, Korea, 2006
- 2006 NSF Design, Manufacturing & Industrial Innovation Research Conference, Saint-Louis, MO, 2006
- International Congress on Powder Metallurgy, San Diego, CA, 2006
- International Conference CIMTEC 2006, Acireale, Italy, 2006
- 9th International Ceramic Processing Science Symposium, Coral Springs, FL, 2006
- Fall TMS Meeting, Pittsburgh, PA, 2005

- International Conference “Sintering 2005”, Grenoble, France, 2005
- Spring TMS Meeting, San Francisco, CA, 2005
- NSF Design, Manufacturing & Industrial Innovation Research Conference, Scottsdale, AZ, 2005
- Powder Metallurgy World Congress, Vienna, Austria, 2004
- Annual IMAPS Conf., Long Beach, CA, 2004
- 36th International SAMPE Technical Conference, San Diego, CA, 2004
- Annual Meeting of the American Ceramic Society, Indianapolis, IN, 2004
- Annual TMS Meeting, Charlotte, NC, 2004
- NSF Career Grantee Workshop, Arlington, VA, 2004
- NSF Design, Manufacturing & Industrial Innovation Research Conference, Dallas, TX, 2004
- Sintering 2003, State College, PA, 2003
- International Conference on Mechanical Behavior of Materials, Geneva, Switzerland, 2003
- Annual TMS Meeting, San Diego, CA, 2003
- Annual Conference of the American Ceramic Society, Nashville, TN, 2003
- NSF Design, Manufacturing & Industrial Innovation Research Conference, Birmingham, AL, 2003
- International Conference on Process Modeling in Powder Metallurgy & Particulate Materials, Newport Beach, CA, 2002
- International Conference on Composites Engineering, San Diego, CA, 2002
- World Congress on Powder Metallurgy, Orlando, FL, 2002
- Annual Meeting of the American Ceramic Society, St. Louis, MO, 2002
- MRS Spring Meeting, San Francisco, CA, 2002
- NSF Design, Manufacturing & Industrial Innovation Research Conference, San Juan, Puerto Rico, 2002
- PAC RIM Conference, Honolulu, Hawaii, 2001
- International Conference on Process Modeling in Powder Metallurgy & Particulate Materials, Irvine, CA, 2001
- International Conference on Powder Metallurgy and Particulate Materials, New Orleans, LA, 2001
- 103rd Annual Meeting of the American Ceramic Society, Indianapolis, IN, 2001
- NSF Design, Manufacturing & Industrial Innovation Research Conference, Tampa, FL, 2001
- World Congress on Powder Metallurgy, Kyoto, Japan, 2000
- Workshop “LTCC Processes Characterization and Modeling”, Albuquerque, NM, 2000
- Workshop “Modeling of LTCC Structures”, Irvine, CA, 2000
- Workshop “Process Modeling of Laminated Multilayer Ceramic Systems”, Motorola University, Tempe, AZ, 2000
- 101 Annual Conference of the American Ceramic Society, St. Louis, MO, 2000
- NATO International Conference on “Computer Modeling of Powder Processing”, Kiev, Ukraine, 2000
- Third SIAM Conference on Mathematical Aspects of Materials Science, Philadelphia, PA

- Sintering'99, State College, USA, 2000
- International Congress on Powder Metallurgy, PM²TEC'99, Vancouver, Canada, 1999
- Conference of the European Society of Glass, Prague, Czech Rep. , 1999
- 100th Annual Meeting of the American Ceramic Society, Cincinnati, USA, 1999
- International Congress on Powder Metallurgy, PM²TEC'98, Las Vegas, USA, 1998
- World Congress on Powder Metallurgy, Granada, Spain, 1998
- 6th International Otto-Schott Colloquium, Jena, Germany, 1998
- 49th Pacific Coast Regional Meeting and Basic Science Division Meeting of the American Ceramic Society, San Francisco, USA, 1997
- "Critical Issues in Mechanics and Materials", 4th Annual Meeting of Young Investigators of the National Science Foundation, General Electric, Schenectady , USA, 1997
- International Congress on Powder Metallurgy, PM²TEC'97, Chicago, USA, 1997
- Joint ASME, ASCE, SES Summer Meeting, Evanston, USA, 1997
- "Critical Issues in Mechanics and Materials", 3rd Annual Meeting of Young Investigators of the National Science Foundation, Boeing Co., Seattle, USA, 1996
- The Mechanics-Materials Linkage, Fourth Summer School of the Institute for Mechanics and Materials, La Jolla, USA, 1996
- Powder Metallurgy World Congress, Washington DC, USA, 1996
- Hot Isostatic Pressing - 96, Boston, USA, 1996
- "Structural Evolution in Materials", 2nd Annual Meeting of Young Investigators of the National Science Foundation - Rockwell Science Center, Thousand Oaks, USA, 1995
- International Conference "Shaping of Advanced Ceramics", Mol, Belgium, 1995
- Powder Metallurgy World Congress, Paris, France, 1994
- Annual Meeting of the German Materials Research Society, Göttingen, Germany, 1994
- EUROMAT'93, Paris, France, 1993
- 13th International Plansee-Seminar, Reutte, Austria, 1993
- World Congress on Glass, Venice, Italy, 1993
- Hot Isostatic Pressing - 93, Antwerp, Belgium, 1993
- III European Ceramic Society Conference, Madrid, Spain, 1993
- International Conference "Materials by Powder Technology", Dresden, Germany, 1993
- International Workshop on FE-Modelling of the Mechanical Behavior of Materials, Stuttgart, Germany, 1992
- International Conference Mat'Tech 92, Strasbourg, France, 1992
- XVI International Congress on Glass, Madrid, Spain, 1992
- II European Society Conference, Augsburg, Germany, 1991
- International Conference Mat'Tech 90, Helsinki, Finland, 1990
- IX International Conference on Powder Metallurgy, Dresden, Germany, 1989

Eugene A. Olevsky

Selected Publications

Books and Refereed Articles

1. E. A. Olevsky and D. V. Dudina, Field-Assisted Sintering: Science and Applications, Springer Nature IP, ISBN 978-3-319-76031-5, 425p. (2018)
2. W. Xu, A. Maksymenko, S. Hasan, J. Meléndez, E. Olevsky, Effect of external electric field on diffusivity and flash sintering of 8YSZ: A molecular dynamics study, *Acta Mater.*, 206, 116596 (2021)
3. R. Bordia, S.J. Kang, E.A. Olevsky, Current understanding and future research directions at the onset of the next century of sintering science and technology, *J. Am. Ceram. Soc.*, 100, 2314-2335 (2017)
4. E. Olevsky, S. Kandukuri, and L. Froyen, Consolidation enhancement in spark-plasma sintering: Impact of high heating rates, *J. App. Phys.*, 102, 114913-114924 (2007)
5. E. Olevsky, Theory of sintering: from discrete to continuum, *Mater. Sci. & Eng. R. Reviews*, 23, 41-100 (1998)

Patents

1. C. Maniere and E. Olevsky, In-situ partially degradable separation interface for fabrication of complex near net shape objects by pressure assisted sintering, U.S. Provisional Patent Application, US Patent App. 17/042,176 (2021)
2. S.S. Bashlykov, E.G. Grigoryev, E.A. Olevsky, An apparatus for electric impulse pressing powder, RFP 2013120711/02 (030672) (2013)
3. S.S. Bashlykov, E.G. Grigoryev, Shipin A.N., Oblyzina S.V., E.A. Olevsky, A device for electric pulse pressing powder, RFP 2013132811 (2013)
4. E. Olevsky, X. Wang, and M. Stern, Hybrid slip casting – electrophoretic deposition (EPD) process, US Patent 8,216,439 (2012)
5. S.S. Bashlykov, E.G. Grigoryev, E.A. Olevsky, A method for producing consolidated powder materials, RFP 2012140281/02 (065081) (2012)

Dear Dragan,

Thank you for your message. Thank you also for your suggestion to nominate me as a foreign member of the Academy of Engineering Sciences of Serbia. I am very much honored and grateful.

As per your request, I am enclosing my CV, list of 5 most important publications (including one monograph and four articles) and list of 5 patents. I am attaching also copies of these documents to this message.

Regarding possible faculty positions: in my university (as well as everywhere else in the US) we had a year-long hire freeze due to COVID. We expect that new faculty positions will be opened in Fall 2021. I will let Vuk know of any opportunities should they become available.

Best regards,
Eugene

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