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Issue 18: Contributors

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Issue 18: Contributors



Dr. K. Ampady

K. Ampady is head of DD News Malayalam. Dr. Ampady launched the New Look and Feel DD News Channel, the first fully automated Regional News Channel of Doordarshan, and serves as its Director. The author of numerous articles and reports on news and other topics, he was part of the Prime Minister of India delegation to Japan in 2008 and to USA and Brazil in 2010. Dr. Ampady completed an MMBS from the TD Medical College, Alapuzha, in 2000.

Corey Bergsrud

Ph.D. candidate in Engineering: Team lead, satellites, and microwave wireless power transmission systems.

Robert Bernaciak

M.S. in Electrical Engineering: RF-DC power conversion systems.

Elizabeth Becker

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Mr. Joseph Bland

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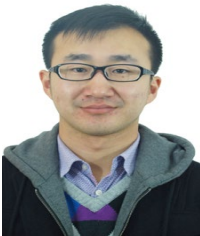


Air Cmde R Gopaldaswami [Retd]

Former Chairman & Managing Director

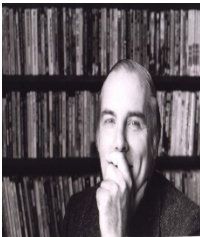
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Jia Haipeng

Jia Haipeng was born in 1987. He received his Masters degree in Control Engineering from the Nanjing University of Science and Technology in 2013. He is now an engineer of Spacecraft System Engineering and his research interests include Space Power Management and Artificial Intelligence.



Keith Henson

Keith Henson (born 1942) is an American electrical engineer and writer on space engineering, space law (Moon treaty), memetics, cryonics, evolutionary psychology and physical limitations of Transhumanism. Keith Henson, BSEE UofAZ 1969. In 1975, Keith and his then wife, Carolyn, founded the L5 Society to spread Dr. O'Neill's concepts. In 1985, Eric Drexler convinced him about cryonic suspension. He became active in Alcor, helping to freeze 20 patients and learning to do cardiac bypass. About the same time, Keith and his second wife, Arel Lucas, wrote about memes and contributed to the early lexicon of memetics. As a free speech advocate, became involved in the battle between Church of Scientology and the net in the mid-1990's. In spite of all, Keith has remained active in space development.



Kris Holland

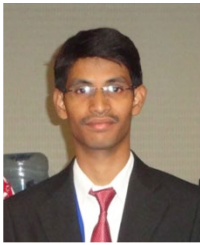
Kris Holland is an active member of the space solar power community. He is the owner of Mafic Studios, Inc., a 3D Graphics company catering primarily to the R&D and engineering communities, working primarily in the areas of scientific, engineering and aerospace visualization. He is also currently working towards a Masters in Mechanical Engineering.

Danny R. Jones

Mr. Royce Jones is a technology entrepreneur, venture manager, IP developer and space technology investor, injecting both start-up capital and IP into new space related and Earth based ventures. He has a degree in Construction Management and Associates degrees in Computer Programming and Computer Aided Design. Mr. Jones is a former Marine Corps NCO with eight years of active military service and three years reserve service. He is a published author with innovative approaches to space development in the area of launch vehicle design and heavy lift vehicles and space based solar power (SBSP). Mr. Jones is a known innovator in field of commercial and difficult project finance. Mr. Jones has fifteen years experience in commercial property construction and finance and twentyfive years experience in residential property development and finance. He has participated in structuring financing on numerous commercial properties and is very experienced in structuring innovative commercial financing, asset backed financing, TIF financing, Tax credits and Government backed financings and is an active real estate investor. His book on SBSP titled Electric Space: Space-based Solar Power Technologies & Applications (2013) is available on Amazon and Kindle. Mr. Jones is an inventor and entrepreneur in field of terrestrial solar energy and partner in Solar Maximum LLC which is developing concentrated photovoltaic/thermal solar energy systems.

Ben Kading

freshman in Mechanical Engineering: mechanical design.



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Born on 2nd July, 1995 Akhil Raj Kumar Kalapala is doing his Bachelor's degree in Electronics and Communications Engineering from Rajiv Gandhi University of Knowledge and Technologies – International Institute of Information Technology (AP IIIT), Nuzvid, Andhra Pradesh State, India. With the zeal for space research he attended International Space Development Conference 2012 held at Washington D.C. as the winner of NASA Ames Space Settlement Design Contest to give presentation about his work on the global stage. Being the winner of the same competition he also attended ISDC the consecutive year at San Diego. In 2014 being the finalist of the First Annual International SunSat Design Competition, he was invited to ISDC 2014 being held at Los Angeles to present his work along with co-author to an International Expert Panel. The team's work on conceptual design of a space solar power system using quantum dot solar cells and laser power transmission from space won the First prize. His current research interest is on Quantum Dots in Power and Communication Satellite system designs. He attended a conference at Satish Dhawan Space Centre, India to give presentation and discuss with senior scientists of ISRO about Space Solar Power and Desalination in 2014. He submitted a paper to Space Solar Power International Student and Young Professional Design Competition 2014. .



Hou Xinbin

Dr. Hou was born in 1973. He received his Ph.D. degree from Beijing University of Aeronautics and Astronautics and joined the China Academy of Space Technology (CAST) in 2002. In 2006, he began his research in the field of Space Solar Power and was responsible for some important research projects on SPS. Now he is head of the Solar Power Satellite team in CAST and a member of the IAA Space Power Committee. He translated “Report of the URSI Inter-Commission Working Group on SPS” in Chinese and the book was published in 2013. He was one of the organizers of “The Opportunity and Challenge of SPS Development: XiangShan Science Conference” in May 2014 in China. In 2014, he proposed the concept of Multi-Rotary Joints SPS (MR-SPS). His research interests include Space Solar Power and Space Science.



K. Kunhikrishnan

K. KUNHIKRISHNAN has an experience of over three decades in the national television broadcasting organization of India, DOORDARSHAN. He first joined as Assistant Station Director and later worked as a Senior Deputy Director General for over 11 years till 2005. After leaving Doordarshan he is working as Part time Consultant on media and as Advisor for Strategic Planning of television media companies. he has a fund of experience in television content production, station and Channel design and management, research and ratings, sports and marketing. he held important national level assignments in all these areas. During 2003 he bagged a national level award for excellence in a new innovative concept in television broadcasting, " Narrow casting" which was local TV broadcast on public service and development issues for the service areas of local TV transmitters. Kunhikrishnan was in charge of the National TV Channel of India(Operated through satellites and distributed by local transmitters) DD1 which has a reach of 130 mn HHs and DD2 Entertainment Channel with a reach of 50+ million HHs. he has also been in charge of Sports, Enrichment and International Channels of Doordarshan, apart from managing the regional language TV Channels of South, West and Eastern India. He was member Secretary of a High Power Committee, set up by the Ministry of Information and Broadcasting, Government of India and developed a marketing wing for the broadcaster. It was during his charge of marketing that DD earned the record revenue of Indian Rs. 6510 million(US \$ =INR 45 now). Kunhikrishnan is a writer of repute. he writes regularly on media and literature for several major periodicals. He is also an author and has published ten books. he had his education in science at the Post graduate level and afterwards professionally trained in journalism, television production and management both in India and abroad. he represented Indian broadcasting television in many global fora.



Li Meng

Li Meng was born in 1985. He received his Ph.D. degree in Manufacturing Engineering for Aviation and Aerospace from the University of Harbin Institute of Technology in 2013. He is now an engineer of Spacecraft System Engineering and his research interests include Large Deployable Structures and Energy Absorber Optimization.

John McClure

Electrical Engineering Alumnus: electrical power systems..



Anna Nesterova

Anna Nesterova is a visual artist, 3D animator, designer and illustrator. She has worked on a number of projects creating 3D visualizations of new space technology in collaboration with prominent figures and institutions involved in space development, such as Keck Institute For Space Studies and National Space Society. For the last 2 years she has participated as a 3D artist in creating animated presentations of Space Solar Power satellites for SunSat Design Competition.

Jeremiah Neubert

Mechanical Engineering



Niu Lili

Niu Lili was born in 1978. She received her Masters degree in Industrial Design from the Jilin University in 2012. She is now a designer of Space Product Modeling and her research interests are 3D Digital Visualization Simulation Technology.



Zhou Lu

Zhou Lu was born in 1984. He received his Masters degree in Aircraft Design from the China Academy of Space Technology in 2008. He is now an engineer of Spacecraft System Engineering and his research interests are Structure Dynamics and Structure Design.



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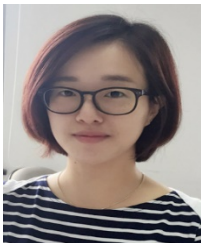
Karl Williams

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Chen Ying

Chen Ying was born in 1984. She received her Masters degree in Applied Computer Technology from the Graduate School of the Chinese Academy of Sciences in 2010. She is now an engineer of Spacecraft System Engineering and her research interest is Spacecraft System Simulation.



Cheng Zhengai

Cheng Zhengai was born in 1988. She received her Masters degree in Aircraft Design from the Nanjing University of Aeronautics and Astronautics in 2013. She is now an engineer of Spacecraft System Engineering and her research interests include Spacecraft Structure, Assembly Mission in Space and Deployable Structures in Space.