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. Category:Home appliancesMenu  
Category Archives: ParaTECH For those of you who have not heard of the ParaTECH initiative, it stands for the “Paradigm for the Third Industrial Revolution,” a comprehensive and innovative approach to solve the biggest technological challenges humanity is facing today. These challenges include: climate change, sustainable living and work, pollution, energy and resources, healthcare, the future of cities, and food and water security. This initiative represents a radical thinking shift that requires all the stakeholders in the value chain, from basic

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research and discovery through to application, to have to work together and collaboratively toward the same end goal. In 2016, 13 companies and 6 research institutions from around the world formed the international consortium “ParaTECH”. Each organization from the ParaTECH consortium are working towards developing core technology and collaborating in the development and implementation of new technologies that will address these challenges. As of this writing, the consortium has 18 member organizations and 10 research institutions, including organizations from Germany, The Netherlands, Canada, India, China, Japan,

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South Korea, The United Kingdom, The United States, and Australia. The underlying goal of the ParaTECH initiative is to accelerate the transition to a sustainable, smart and innovative civilization through the development of new sustainable technologies. Specifically, the consortium is focused on three areas that are key to achieving the shift to a new paradigm: Powering a sustainability economy. Smart & sustainable cities. Healthcare for sustainable living. “ParaTECH” initiative members from across different industrial sectors are working together on a number of research projects focusing on these three areas, and two major workshops are

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planned to be held in April and June of this year. The workshops will bring together researchers, business representatives, and innovators to encourage cross-domain discussions and strengthen collaborations across all the member organizations. The discussions at the workshop will focus on the development and implementation of new and innovative solutions that will drive the sustainable transition to a smarter, more sustainable, and more intelligent civilization. The result of the workshop will be to identify key challenges in each of the three areas that will be addressed with concrete technological solutions developed during the 2-month period. I will be presenting my

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own views on the three areas of the ParaTECH initiative at the workshop. These discussions will provide a framework for the workshops in April and June, and will

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