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Abstract

Materials Technology Webinar - Past Conference Report

"International Webinar on Materials Technology and Research " will is conducted in September 22. Materials Technology 2020 provides the basic ideas for innovating new sustainability materials and technologies. The theme of "New Trends in Materials Technology". Material research area covers a wide range of growing markets, such as engineering resins, plastic alloys and blends, advanced batteries and fuel cells, and soon. The technological curriculum of Materials Technology 2020 is unprecedented, discussing structure, properties, storage and quality across the population of materials. Materials Technology 2020 brings together researchers, engineers, students, suppliers and business leaders to discuss current research and technical developments and shape the future of science and technology in materials.

Materials Technology seems to be the constantly trending subject matter with modern day research technologies. Everyone who explores to strengthen their knowledge and gain extended about advanced technical cleverness is welcome to present/get new ideas. We provide a good opportunity by admiring your updated research and also by publishing it in our respective journals. We assure our attendees return to their place with the self-belief to improve their abilities and outfitted with certified approaches to work with us. This meeting will allow the attendees to acquire these new updates and share their experiences with well-recognized speakers globally.

Session-1: Sustainable Energy and Development Natural resource depletion and population growth around the world have created a worldwide demand for energy. Industries are hoping for renewable sources of energy, super capacitors, battery energy storage, thermoelectric systems, transfer of energy by star cells and fuel cells. Would you like to grow for Production and processing of electricity, equipment as well as various components, processes and properties are used, for example, batteries such as atomic number 3 battery area units used in many types of mobile devices, as well as appliances, electronics, recreational vehicles, power tools, toys, games, lighting and medical devices.

Session-2: Electronics Antenna: Antenna, also called Aerial, component of radio, television, and radar systems that directs incoming and outgoing radio waves. Antennas are usually metal and have a wide variety of configurations, from the mastlike devices employed for radio and television broadcasting to the large parabolic reflectors used to receive satellite signals and the radio waves generated by distant astronomical objects.

Session 3: Advanced Materials & Functional Devices Advanced Materials are at the heart of many technological developments that touch our lives. This is The Creation of Advanced Materials at the Molecular or Nuclear Measure For the reason for advancing technology, growing further effective items, making novel manufacturing technologies, or improving the human knowledge. The capacity to rapidly and dependably set out numerous conductive layers with ultrafine goals has prompted the scaling down and low cost of most microelectronic components.

Session 4: Engineering Materials & Composite Materials The Materials used for Manufacturing of engineering products are termed engineering materials. Ability of a nation to harness nature as well as its ability to cope up with the challenges posed by it is determined by its complete knowledge of materials and its ability to develop and produce them for various applications. A materials structure made out of at least two physically unique stages whose blend produces total properties that are different from those of its constituents.

Session 5: Advanced Bio-Materials & Bio-Devices Biomaterials from social insurance perspective can be characterized as materials those have some novel properties that makes them suitable to come in quick relationship with the living tissue without evoking any unfriendly invulnerable dismissal responses. Biomaterials are in the administration of humankind through old occasions yet ensuing advancement has made them increasingly adaptable and has expanded their utilization.

Session- 6: Nano Technology Nano engineering is set out in view of the fact that science handles the tiny, intense particles or one measurement approximate particles from one to one hundred nm referred to as nanoparticles. These particles are capable of monitoring unique iotas and atoms. Because of the various potential applications, a wide range of tests goes under the nanotechnology throughout the world. Such as surface science, compound science, organic science, semiconductor material science, stockpiling of vitality, little creation, subatomic construction, and soon. Nano technology includes science, design, and innovation, and includes Nano-scale imagery, measurement, display, and control.

Session-7: Sustainable Energy and Development Natural resource depletion and population growth around the world have created a worldwide demand for energy. Industries are hoping for renewable sources of energy, super capacitors, battery energy storage, thermoelectric systems, transfer of energy by star cells and fuel cells. Would you like to grow for Production and processing of electricity, equipment as well as various components, processes and properties are used, for example, batteries such as atomic number 3 battery area units used in many types of mobile devices, as well as appliances, electronics, recreational vehicles, power tools, toys, games, lighting and medical devices. Semiconductor devices have replaced vacuum tubes and diodes, transistors, light-weight emitting diodes (LEDs) for energy efficiency have emerged from these semiconductor materials.