



SCIENTIFIC SUMMITS

WSEASE-2024

Tentative Program



World Summit and Expo on
Applied Science and Engineering
October 17-19, 2024 | Bern, Switzerland



<https://appliedsciencesummit2024.com/>

Thursday October 17, 2024 | Day-1

09:00- 09:30 **Registrations**

09:30-09:40 **Opening Ceremony**

Plenary Session

09:40-10:20 **Title:** Modulations of Energy and Material Flows by Functionally Geometric Structures Fabricated by Stereolithographic Additive Manufacturing.
Kirihara Soshu, Osaka University, Japan

P

10:20-11:00 **Title:** Will be Updated soon
WONG Ming Hung, Baptist University, Hong kong

P

11:00-11:15 **Coffee Break**

11:15-11:55 **Title:** Will be Updated soon
Bose Bimal K, University of Tennessee, USA

P

11:55-12:30 **Title:** Brachytherapy for Cervical Cancer: A Focus on Treatment Optimization and Patient Outcomes.
Mokhlesur Rahman, Military Institute of Science and Technology Dhaka, Bangladesh

K

Oral Talks

12:30-12:55 **Title:** Artificial Intelligence Technology: Paradigms , Applications and Challenges
Abdelbadeeh salem, Ain Shams University, Cairo, Egypt

K

12:55-13:00 **Group Photo**

13:00-14:00 **Lunch Break**

14:00-14:25 **Title:** Fundamental Physical Capabilities and Limitations in Communication and Computing.
Levitin Lev, Boston University, USA

I

14:25-14:50 **Title:** Will be Updated soon
moulshree dubey, Professional Institute of Engineering & Technology, India

I

14:50-15:15 **Title:** Will be Updated soon
Chintakindi Sanjay, King Saud University, Saudi Arabia

I

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|-------------|---|---|
| 15:15-15:40 | <p>Title: Antibody-Proteases as Unique Biomarkers, Potential Targets and Translational Tools of The Next Step Generation to be applied for Design-driven Biotech and Personalized.</p> <p>Sergey Suchkov, University of Medicine & Russian Academy of Natural Sciences, Russia</p> | I |
| 15:40-16:05 | <p>Title: Personalized and Precision Medicine (PPM) as a Unique Healthcare Model to Be Set Up through Biodesign-Inspired Biotech-driven Translational Applications, IT Resources and Upgraded Business Marketing to Secure the Human Healthcare, Wellness and Biosafety</p> <p>Sergey Suchkov, University of Medicine & Russian Academy of Natural Sciences, Russia</p> | I |

16:05-16:20 **Coffee Break**

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|-------------|---|---|
| 16:20-16:45 | <p>Title: Improving the Fatigue Design of Mechanical Systems such as Refrigerator</p> <p>seongwoo woo, Ethiopian Technical Uniersity, Ethiopian</p> | I |
| 16:45-17:10 | <p>Title: Will be Updated soon</p> <p>Suresh Aluvihara, University of Peradeniya, Sri Lanka</p> | I |
| 17:10-17:35 | <p>Title: Energy Efficient for Heat Exchanger, Refrigeration and Air Conditioning</p> <p>Abdeen Mustafa Omer, Nottingham University, United Kingdom</p> | I |
| 17:35-18:00 | <p>Title: Will be Updated soon</p> <p>Rishi Mittal, Guru Jambheshar University of Science and Technology, India</p> | I |

End of Day 01

Friday October 18, 2024 | Day-2

Plenary Session

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|-------------|---|---|
| 09:00-9:40 | <p>Title: Will be Updated soon</p> <p>Bing Huei Chen, Catholic University, Taiwan</p> | P |
| 09:40-10:20 | <p>Title: Misconceptions in Piezoelectric Energy HarvestingSystem Development</p> <p>Kenji Uchino, Pennsylvania State University, USA</p> | P |
| 10:20-11:00 | <p>Title: Liquid Crystal on Azodye Photoaligned Nanolayers: Physics and Applications</p> <p>Vladimir CHIGRINOV, University of Science and Technology, Hong Kong</p> | P |
| 11:00-11:15 | <p>Coffee Break</p> | |
| 11:15-12:05 | <p>Title: Will be Updated soon</p> <p>Eric Wolanski, James Cook University, Australia</p> | P |

12:05-12:30

Title: Transformations and Temperature Deformation Dependent in Memory Behavior of Shape Memory Alloys

Osman Adiguzel, Firat University, Elazig, Turkey

12:30-12:55

Title: Lie Group Machine learning based on Souriau Geometric Statistical Mechanics using the lognormal Family

rosaïre mama, University of maroua, Cameroon

12:55-14:00

Lunch Break

14:00-14:25

Title: Will be Updated soon

Lee Sunghwan, Purdue University, USA

14:25-14:50

Title: Will be Updated soon

Abdelaziz Ghanemi, Laval University, Canada

14:50-15:15

Title: Will be Updated Soon

Philip Torr, St Catherine's College, UK

15:15-15:40

Coffee Break

15:40-16:05

Title: Will be Updated soon

Vijayakumar Varadarajan, Computer Science and Engineering, UNSW, Sydney, Australia

16:05-16:30

Title: Will be Updated soon

Nimila Dushyantha, Uva Wellassa University, Srilanka

16:30-16:55

Title: Will be Updated soon

Wayne Machuca, Mt Hood Community College, USA

16:55-17:20

Title: Will be Updated soon

Dubey, Anshu, Argonne National Laboratory, USA

As the conference is scheduled far, there are still available slots