



January newsletter

ISSUE 5

JANUARY 2019 ISSUE

COMPLIMENTS OF
THE NEW SEASON
DEAR READERS!

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RESEARCH AND INNOVATION OFFICE



Nobel Prize Laureates

A meeting of Nobel minds– Nobel Laureates in discussion.



The TV programme 'Nobel Minds' brings together the 2018 Nobel Laureates for a unique roundtable discussion where they shared their thoughts on research, motivation, the future as well as their Nobel Week highlights.

The Nobel Prize in Physiology or Medicine has been awarded 109 times to 216 Nobel Laureates between 1901 and 2018. The Nobel

Prize in Physiology or Medicine 2018 was awarded to James P. Allison and Tasuku Honjo "for their discovery of cancer therapy by inhibition of negative immune regulation".

Cancer kills millions of people every year and is one of humanity's greatest health challenges. By stimulating the inherent ability of our immune system to attack tumor cells James Allison and Tasuku Honjo have established an entirely new principle for cancer therapy. In 1994–1995,

Allison studied a known protein that functions as a brake on the immune system. He realized the potential of releasing the brake and thereby unleashing our immune cells to attack tumors. He then developed this concept into a new approach for treating patients. **Source:**

James P. Allison – Facts – 2018. NobelPrize.org. Nobel Media AB 2019. Mon. 28 Jan 2019. [https://](https://www.nobelprize.org/prizes/medicine/2018/allison/facts/)

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Inside Story Headline

As artificial intelligence becomes both more useful and more widespread, workers everywhere are becoming anxious about how a new age of automation might affect their career prospects. A recent study by Pew Research found that in 10 advanced and emerging economies, most workers expect computers will do much of the work currently done by humans within 50 years. Workers are clearly anxious about the effects



on the job market of artificial intelligence and automation. Estimates about how much of the workforce could be automated vary from about 9% to 47%. The consultancy McKinsey estimates up to 800 million workers globally could be displaced by robotic automation by 2030. Some jobs will change dramatically, while others will disappear altogether. So if automation makes the job market a little like

a game of musical chairs, is there a way to make sure you're still employed when the music stops? Can education help you robot-proof your career? Future-proofing your career is less about picking a safe job and more about constantly updating your skills throughout your career, according to Northeastern University president Joseph Aoun, who wrote Robot-Proof: Higher Education in the Age of Artificial Intelligence. **Source:** <http://www.bbc.com/capital/story/20190127-humanics-a-way-to-robot-proof-your-career>



ZJST

Science and Technology (NUST).

Aims and Scope

The ZJST publishes science and technology research papers reporting significant experimental, theoretical and observational extensions of the scientific and technological phenomena. As from volume 11 (2016), the Zimbabwe Journal of Science and Technology (ZJST) will publish papers in

basic and applied sciences, engineering and technology, clinical and computing sciences.

Manuscript Submission

Manuscripts submitted for publication must be written with conformity to the Format for Submissions provided on the official ZJST site. Please read the Instructions for Authors before submitting your manuscript. All manuscripts should be submitted as an email attachment and sent to zjst@nust.ac.zw.

Call for Papers

Manuscripts are invited for publication in the Zimbabwe Journal of Science and Technology (ZJST), a peer reviewed journal published by the National University of

Quote of the day

Martin Luther King Jr.

“ The function of education is to teach one to think intensively and to think critically. Intelligence plus character - that is the goal of true education. Martin Luther King, Jr.”

Read more at: https://www.brainyquote.com/quotes/martin_luther_king_jr_402936

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RIO



1. 14th PARIS - FRANCE International conference on "Innovative Engineering Technologies and Healthcare" (IETH-19)
Dates: May 8-10, 2019
Venue: Paris, France Carbon Capture and Storage Forum
SUBMISSION METHODS through Email: conf@fenp.org

Topics of interest for submission include any topics on Engineering and Technology:

Track 1: Mechanical Engineering/ Civil Engineering/ Electrical Engineering/ Architecture Design and Manufacturing Engineering - Materials Science and Engineering - Mechatronics and Automation - Industrial and Systems Engineering - Textile and Leather Technology - Automobile Engineering - Production Technology - Aviation Technology - Avionics, Modern Trends in Civil Engineering - Building Energy Conservation and Green Architecture - Bridge and Tunnel Engineering - High-rise Structure and Large-span Structure - Municipal Engineering - Town Planning - Water Resource Engineering - Transportation Engineering - Geotechnical Engineering, Electric Drives and Control - Power Generation, Transmission and Distribution - Smart Grids Technologies and Applications - Renewable Energy - Renewable Power Generation and its Efficient Utilization - Electricity Market in Smart Grid - Power System Engineering and its applications - Electrical Machines - Instrumentation Engineering, Conservation, Architecture Design and Planning, etc.

Track 2: Computer Science Engineering/Information Technology/ Electronics and Communication Engineering
Data Mining - Expert Systems and Artificial Intelligence - Digital Signal Processing - Multimedia Signal Processing - Image Processing and Pattern Recognition - Networking - Robotics - Information and Communication - Optical and Wireless Communications - Internet Technologies - Ad-Hoc and Mobile Communications - Wireless Sensor Networks - Concurrent, Distributed and Parallel Computing - System Modeling and Simulation - Soft Computing - Optimization Algorithms - Embedded Systems - VLSI and Digital System Design - Cloud Computing - Antenna and Electromagnetic - Bioinformatics - Biomedical - Control Systems etc.

Tracks 3: PUBLIC HEALTH
Accessibility to healthcare - Alternative medicine - Community Health - Disaster and Public Health - Disability - Environmental Public Health - Equity Issues in Public Health - Ethical issues- Food safety - Information Technology and Public Health - Illness prevention - Health Research- Health Technology - Mental Health- Pharmaceuticals - Physical health - Dentistry - Nursing - Nutrition - Quality of life - Reproductive and Child Health - Veterinary Public Health - Water Sanitation and Hygiene - Other related areas
Deadline for abstracts/proposals: Not available.

Check the event website for latest details.

Website: conf@fenp.org

2. Third International Conference for Academic Disciplines at Harvard
Dates: 27 to 31 May 2012
Venue: Boston, United States

This 5-day conference at Harvard once again brings together researchers from various disciplines. Spanning over three adjacent states, it showcases multidisciplinary research and the splendors of New England in summer.

Organized by: International Journal of Arts and Sciences
Deadline for abstracts/proposals: 21 February 2012

Website: <http://www.internationaljournal.org/boston.html>

Contact name: Professor Joseph Bonnici, PhD, JD

13th International Conference on Applied Science and Engineering (ICASE)

26th January 2019

Colombo, Sri Lanka

14th International Conference on Applied Science and Engineering (ICASE)

2nd February 2019

Kuala Lumpur, Malaysia

Exploring Auroville Architecture

13th February 2019

AUROVILLE, India

15th International Conference on Applied Science and Engineering (ICASE)

17th February 2019

Hong Kong, Hong Kong

16th International Conference on Applied Science and Engineering (ICASE)

9th March 2019

Dubai, United Arab Emirates

17th International Conference on Applied Science and Engineering (ICASE)

24th March 2019

Tokyo, Japan

The INTESDA 4th Asian Conference on Urban Planning and Sustainable Cities (UP-City)

24th March 2019

Hiroshima, Japan

Electrify Vietnam 2019

28th March 2019

Ho Chi Minh, Vietnam

International Conference on Advanced Research in Science, Engineering and Technology

12th April 2019

Lisbon, Portugal

Symposium on Fuel Cell and Hydrogen Technology 2019

17th April 2019

Bangi, Malaysia

PlantNetwork Conference 2019

8th May 2019

Abbotsbury, United Kingdom

CONNECT 2019

15th May 2019

Riga, Latvia

Second International Conference on Trends in Mechanical Engineering and Manufacturing (ICTMEM 2019)

16th June 2019

Antalya, Turkey

Second International Conference on Advances on Agriculture and Environmental Studies (ICAAES 2019)

16th June 2019

Antalya, Turkey

6th International Conference Energy & Meteorology (ICEM2019)

24th June 2019

Copenhagen, Denmark

1st International Conference on Engineering, Science and Technology

27th June 2019

Colombo, Sri Lanka

