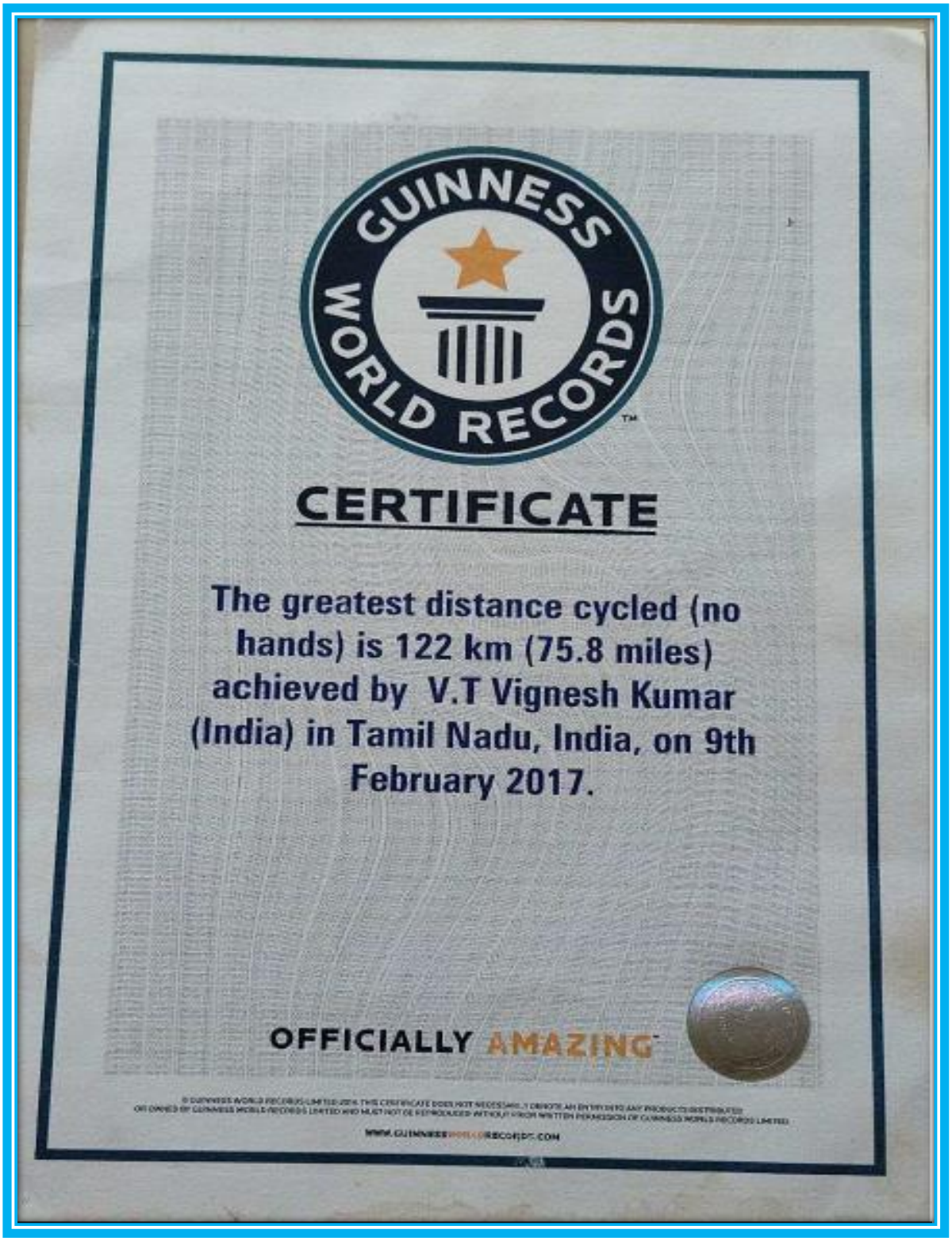
5.3.1. Performance in Sports / Cultural Events in Inter Universities, National and International Level

Iconic Achievers

Guinness World Record by T.Vignesh Kumar

T.Vignesh Kumar covering 120 km distance on bicycle without using hand in 6 hours 50 min.


GUINNESS WORLD RECORDS
CERTIFICATE
The greatest distance cycled (no hands) is 122 km (75.8 miles) achieved by V.T Vignesh Kumar (India) in Tamil Nadu, India, on 9th February 2017.
OFFICIALLY AMAZING

Former Honourable Minister for Co-operation Sellur K.Raju lauding T.Vignesh Kumar

T.Vignesh Kumar appreciated by Former Honourable Chief Minister of Tamil Nadu.

T.Vignesh Kumar with laurels

Mr. Suresh Karuppiah, Research Scholar in Physics, a trainee at NASA, US under SCOSTEP's Visiting Scholar Programme

National Aeronautics and
Space Administration
Goddard Space Flight Center
Greenbelt, MD 20771

Attention: Code 671

June 18, 2018

Mr. Suresh Karuppiah
Research Scholar, Department of Physics
Arul Anandar College
Affiliated to Madurai Kamaraj University
Karumathur-625514, Tamil Nadu
India.

Dear Mr. Karuppiah,

Congratulations on your selection to visit NASA Goddard Space Flight Center (NASA/GSFC) for your training under SCOSTEP's Visiting Scholar program. You will be working on work on the shock-driving capability of coronal mass ejections (CMEs) and the correspondence between white-light and radio manifestations of shocks. I am pleased to invite you to visit my laboratory at NASA/GSFC from September 1 to November 30, 2018 for the scientific training and collaborative activities. Your training will involve utilizing CME observations from NASA missions such as SOHO, STEREO, and SDO that are available on line at https://cdaw.gsfc.nasa.gov. In particular, you will compare CME properties with the type II radio burst features to make progress on the understanding of solar eruptive phenomena. I am pleased to inform you that my laboratory will provide all facilities needed for the work you have planned to accomplish.

Under the SCOSTEP Visiting Scholar Program, your air fare is paid by SCOSTEP. Your living expenses (boarding and lodging) will be paid by the Catholic University of America under a contract from NASA/GSFC. The necessary logistics arrangement during your stay will be made by Dr. Seiji Yashiro (seiji.yashiro@nasa.gov). Please feel free to contact me or Dr. Yashiro if you have any questions.

Sincerely,

Nat Gopalswamy
Astrophysicist

SCOSTEP
Scientific Committee on Solar-Terrestrial Physics

AUGUST 2018

NEWSLETTER

In this issue:

1. Editorial Note

The last few months have been marked by a number of activities, among which three stand out highlighting SCOSTEP's purpose, objectives and achievements: the 14th Quadrennial Solar-Terrestrial Symposium, the SCOSTEP Distinguished Science Awards and the SCOSTEP Visiting Scholarship (SVS) program.

After a number of nominations from the solar-terrestrial community at large, the Awards Selection Committee unanimously selected and recommended to the SCOSTEP Bureau that Dr. Kok Leng Yeo be the recipient of the SCOSTEP Distinguished Young Scientist Award for 2018. Professor Jeffrey M. Forbes was unanimously selected to be the recipient of the SCOSTEP Distinguished Science Award for 2018.

The SCOSTEP Distinguished Science Medals were presented to Dr. Kok Leng Yeo and Prof. Jeff Forbes by the SCOSTEP President, Dr. Nat Gopalswamy at the 14th Quadrennial Solar-Terrestrial Physics Symposium (STP14), which took place during July 9-13, 2018 in Toronto, Canada.

The SVS program marked its fourth edition with a record number of applications by young and early career scientists. This newsletter provides brief information on these activities.

2. Message from the SCOSTEP President

Dear Colleagues,

Greetings!
The summer is almost over. Hope you had a good summer so far, although I know you were working hard, doing more research and spreading the knowledge.

It was great seeing many of you in Toronto at STP14. The York University campus combined with local boarding and lodging services provided an excellent opportunity for a lot of interaction. STP14 participants liked the format of morning plenary sessions, afternoon parallel sessions, and the summary of the afternoon sessions. This provided an opportunity for the participants to appreciate the advancements in all aspects of the Sun-Earth system. Plenty of time was allotted for poster sessions for extensive discussions. I take this opportunity to thank Marianna and her team for the excellent local arrangements and the scientific organizing committee for a great program. During STP14, SCOSTEP was able to honor two of our outstanding colleagues. Once again, congratulations, Kok Leng and Jeff! The SCOSTEP Awards Committee chaired by Professor Archana Bhattacharyya (India) did an excellent job in reviewing the nominations and coming out with the selections. I thank the community for nominating many eminent scientists for the SCOSTEP Awards. It was also a great honor to recognize the sustained contributions by Professor Vladimir N. Obridko, who is working hard for SCOSTEP past his 80th birthday. The generous support from York University/Lassonde School of Engineering, United States National Science Foundation, Japan Society for the Promotion of Science, Nagoya University's Prediction of Solar Terrestrial Environment, and IAGA enabled the participation of many scientists in STP14.

The Parker Solar Probe was launched this month (August 11). The Probe will traverse the entire Sun-Earth distance and will provide invaluable information about the solar atmosphere that flows and forms

established solar-terrestrial physics laboratories and institutions, for periods of between one and three months. To date there have been four SVS competitions with the best candidates being able to advance their career in solar terrestrial physics using the technique/ skill they learned during their training. SCOSTEP provides the airfare, while the host institute coves the living expenses. The aim of the SVS program is to fund at least four scholars each year, one related to each of the four SCOSTEP/ VarSITI themes (http://www.varsiti.org/). However, due to the great interest in the program and excellent candidates SCOSTEP has exceedingly increased the number of scholars supported.

The Announcement of Opportunity for the SCOSTEP Visiting Scholarship 2018 (SVS-2018) competition was released on December 1, 2017. On the recommendation of the SVS Selection Committee, chaired by Dr. Nicole Vilmer (France) the format for the applications was changed to reflect the diversity in scientific experience of the candidates. Two application categories were introduced, Category 1 for graduate students (M.Sc. and PhD) and Category 2 for Postdoctoral fellows with experience up to 5 years from date of graduation at the time of application.

On February 25, 2018 all applications submitted to the SCOSTEP Secretariat in response to the 2018 SVS Announcement of Opportunity were sent for evaluation by the SVS Selection Committee, led by Dr. Nicole Vilmer (France) and members: Paul Baki (Kenya), Katya Georgieva (Bulgaria), Jean-Pierre Raulin (Brazil), Mike Taylor (USA), and Akimasa Yoshikawa (Japan). Fourteen applications were received: India (6), Indonesia (2), Nepal (1), Nigeria(1), Rwanda (1), South Africa (1), Sudan (1), Ukraine (1). On April 12, 2018 the recipients of the SVS grants were announced. They are for Category 1: **Ranadeep Sarkar (India), Sai Gowtam V (India), Katerina Aksenova (Ukraine), Suresh Karuppiah (India) Rhorom Priyatikanto (Indonesia);** and for Category 2 **Dr. Sneha Yadav (India) and Dr. G. Sindhuja (India).**

CONGRATULATIONS!

Mr. Ranadeep Sarkar (India, Udaipur Solar Observatory, PRL, Udaipur)
Research project: "*Observationally constrained global MHD and semi-analytical modellings of space weather events to forecast Bz at 1 A.U.*".
Tenure: NASA/GSFC, USA

Mr. Sai Gowtam Valluri (India, Indian Institute of Geomagnetism, Navi Panvel, Navi Mumbai)
Research Project: "*Coupling of the ionosphere and thermosphere by using the coupled general circulation models*"
Tenure: School of Earth and Space Sciences, USTC, China

Ms. Ekaterina Aksenova (Ukraine, Institute of Radio Astronomy NAS, Kharkiv);
Research Project: "*Detection of traveling ionospheric disturbances during geomagnetic storm periods by radar and optical methods*"
Tenure: ISEE, Nagoya Univ., Japan

Mr. Suresh Karuppiah (India, Department of Physics, Arul Anandar College, Madurai, Tamilnadu)
Research Project: *"Radio-Loud and Radio-Quiet CME-driven Shocks Using STEREO Observations".*
Tenure: NASA/GSFC, USA

Mr. Rhorom Priyatikanto (Indonesia, Space Science Center, National Institute of Aeronautics and Space (LAPAN)*);*
Research Project: "*Prediction of Limb Flares Based on Coronal Images*".
Tenure: NASA/GSFC, USA