

ISCA DL Report by Prof. (Dr.) Hemant A. Patil, DA-IICT Gandhinagar, India.

Summary: Total ISCA DL Delivered so far= 23 (05 In-person + 18 online mode)

1) Nirma University, Ahmedabad, Gujarat, India.

Title of the Talk: Spoofing Attacks for Automatic Speaker Verification (ASV)

Host: Prof. Sapan Mankad

Date: Feb. 07, 2020.

URL: <https://sapanmankad.wixsite.com/shm56/blog>



2) Chhotubhai Gopalbhai Patel institute of Technology, UT, Bardoli, Gujarat, India.

Title of the Talk: Spoofing Attacks for Automatic Speaker Verification (ASV)

Host: Prof. Krupa Dave

Date: Feb. 29, 2020.

(H. Patil)



3) Srimad Rajchandra Institute of Management and Computer Application (SRIMCA), Bardoli, Gujarat, India.

Title of Talk: Generative Adversarial Networks (GANs) for Speech Technology

Host: Prof. (Dr.) Bankim Patel, Director, SRIMCA

Date: February 29, 2020.

(H. Patil)

- 4) R. N. G. Patel Institute of Technology (RNGPIT), Bardoli, Gujarat, India.
Title of Talk: Generative Adversarial Networks (GANs) for Speech Technology
Host: Prof. Vivek Joshi and Prof. Madhavi Desai.
Date: Feb. 28, 2020.



(H. P. h.)



- 5) Silver Oak College of Engineering, Ahmedabad, Gujarat, India.
Title of the Talk: Spoofing Attacks for Automatic Speaker Verification (ASV)
Host: Prof. Vimal H. Nayak, Prof. Priya Sharma.
Date: March 06, 2020.
- 6) V. V. P. Engineering College, Rajkot, Gujarat, India.
Title of the Talk: Generative Adversarial Networks (GANs) for Speech Technology
Host: Prof. Vishal Nimavat
Date: September 22, 2020 (**online mode**).
- 7) Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, Gujarat, India
Title of the Talk: Spoofing Attacks for Automatic Speaker Verification (ASV)
Host: Dr. Suman Deb, Dr. Deepak Joshi
Date: September 23, 2020 (**online mode**).
- 8) Silver Oak College of Engineering, Ahmedabad, Gujarat, India.
Title of the Talk: Spoofing Attacks for Automatic Speaker Verification (ASV)
Host: Prof. Rachna Gajjar , Prof. Vimal Nayak
Date: September 26, 2020 (**online mode**).
- 9) Joint Mathematics Meetings- an event of American Mathematical Society (AMS), Washington, USA, Jan. 6, 2021.

Title of Talk: Modeling Spectrum Decay in Hilbert Space for Replay Spoof Detection

Host: Prof. (Dr.) Ram N. Mohapatra, Department of Mathematics, University of Central Florida, USA.

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URL: http://jointmathematicsm meetings.org/meetings/national/jmm2021/2247_program_wednesday.html#2247:SS42A

Mode of Talk: Online

- 10) Keynote Address during the Int. Conf. Asian Lang. Processing (IALP) 2020, Kuala Lumpur, Malaysia, Dec.4-6, 2020

Title of Talk: Generative Adversarial Networks (GANs) for Speech Technology

Host: Prof. (Dr.) Minghui Dong, I2R Singapore and General Chair, IALP 2020.

URL: <http://www.colips.org/conferences/ialp2020/wp/keynote-speeches/>

Mode of Talk: Online

- 11) Overview Session of APSIPA ASC 2020, Dec.7-10, 2020, Auckland, New Zealand.

URL: <http://www.apsipa2020.org/APSIPA-2020%20Overview%20Sessions.pdf>

Title of Talk: Spoofing Attacks in Automatic Speaker Verification (ASV): Analysis and Countermeasures

Host: Overview Session Chairs of APSIPA ASC 2020.

Chung-Hsien Wu, *National Cheng-Kung University, Taiwan*,

Kai-Kuang Ma, *Nanyang Technological University, Singapore*

Mode of Talk: Online

- 12) AICTE – ISTE Sponsored Induction/Refresher Programme on "Machine Learning & Its Applications (Phase-I) Feb. 09-15, 2021, " R. C. Patel Institute of Technology, Shirpur, Maharashtra State, India.

URL: <https://www.rcpit.ac.in/breakingnews/aicte-iste-sponsored-inductionrefresher-programme-on-machine-learning-its-applications-from-09th-feb-2021-to-15th-feb-2021>

Title of Talk: Generative Adversarial Networks (GANs) for Speech Technology

Date: Feb. 13, 2021.

Host: Prof. (Dr.) M. B. DEMBRANI

Mode of Talk: Online

- 13) 1-week Faculty Development Programme (FDP) on Recent Advancements on Automatic Speech Recognition and Speaker Verification, Jointly Organized by NIT Sikkim and AICTE, New Delhi, India.

Title of Talk: Spoofing Attacks for Automatic Speaker Verification (ASV)

Host: Prof. (Dr.) H. K. Kathania

Date: September 28, 2021, 2 pm.

Mode of Talk: Online



- 14) ATAL Faculty Development Programme (FDP) *on Introduction to Speech Processing and its Applications using AI-ML (ISPA) 2021, Organized by C-DAC Kolkata, India.*

Title of Talk: Spoofing Attacks for Automatic Speaker Verification (ASV)

Host: Mr. Joyanta Basu

Date: Oct. 28, 2021, 10.00 am

Mode of Talk: Online

- 15) ATAL Faculty Development Programme (FDP) course on Recent Trends in Speech Processing at IIT Dharwad, India.

Title of Talk: Spoofing Attacks for Automatic Speaker Verification (ASV)

Host: Prof. (Dr.) S. R. M. Prasanna (ISCA Board Member)

Date: Dec. 20, 2021, 11.15 am

Mode of Talk: Online

- 16) ATAL Faculty Development Programme (FDP) course on Recent Trends in Speech Processing at IIT Dharwad, India.

Title of Talk: Generative Adversarial Networks (GANs) for Speech Technology

Host: Prof. (Dr.) S. R. M. Prasanna (ISCA Board Member)

Date: Dec. 24, 2021, 11.15 am

Mode of Talk: Online

- 17) Two-day Workshop on “Speech Assistive Technologies” at SSNCoE, Chennai, India

Title of Talk: Infant Cry Analysis and Classification

Host: Prof. (Dr.) P. Vijayalakshmi, Professor, SSN CoE, Chennai, India.

Date: Feb 18, 2022, 9.00 am

Mode of Talk: Online

- 18) Online FDP on Speech and Natural Language Processing During 21-25 Feb 2022

Title of Talk: Introduction to Speech Signal Processing

Host: Prof. (Dr.) P. Pavan Kumar, IcfaiTech (Faculty of Science and Technology), Hyderabad-501203, India.

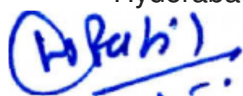
Date: Feb. 21, 2022, 11.30 am

Mode of Talk: Online

- 19) Online FDP on Speech and Natural Language Processing During 21-25 Feb 2022

Title of Talk: Infant Cry Analysis and Classification

Host: Prof. (Dr.) P. Pavan Kumar, IcfaiTech (Faculty of Science and Technology), Hyderabad-501203, India.



Date: Feb. 23, 2022, 2.30 pm

Mode of Talk: Online

20) Online FDP on Speech and Natural Language Processing During 21-25 Feb 2022

Title of Talk: Infant Cry Analysis and Classification

Host: Prof. (Dr.) P. Pavan Kumar, IcfaiTech (Faculty of Science and Technology),
Hyderabad-501203, India.

Date: Feb. 23, 2022, 2.30 pm

Mode of Talk: Online

21) FIVE DAY INTERNATIONAL WORKSHOP ON SPEECH SYNTHESIS(TEXT-SPEECH & SPEECH-TEXT) AND LANGUAGE TECHNOLOGY

February 21 – 25, 2022

Title of Talk: Generative Adversarial Networks for Speech Technology

Host: Prof. (Dr.) B. L. Leena, Assistant Professor, Department of Hindi, University of
Kerala, Thiruvananthapuram-695581, Kerala, India

Date: Feb. 23, 2022, 10.00 am

Mode of Talk: Online

22) Online FDP on Speech and Natural Language Processing During 21-25 Feb 2022

Title of Talk: Spoofing Attacks for Automatic Speaker Verification (ASV)

Host: Prof. (Dr.) P. Pavan Kumar, IcfaiTech (Faculty of Science and Technology),
Hyderabad-501203, India.

Date: Feb. 24, 2022, 11.30 am

Mode of Talk: Online

23) Online FDP on Speech and Natural Language Processing During 21-25 Feb 2022

Title of Talk: Generative Adversarial Networks for Speech Technology

Host: Prof. (Dr.) P. Pavan Kumar, IcfaiTech (Faculty of Science and Technology),
Hyderabad-501203, India.

Date: Feb. 25, 2022, 11.30 am

Mode of Talk: Online

Details of 15 APPSIPA DLs that I gave in three countries are as under

1) SJTU Shanghai, China. April 13, 2018. **Host: Prof. Kai Yu.**

URL: <https://speechlab.sjtu.edu.cn/news/tag:report>

Title of Talk: Spoofing Attacks in Automatic Speaker Verification (ASV): Analysis and Countermeasures



2) Fudan University, China, April 23,2018 (upcoming). **Host: Prof. Li Wei.**

Title of Talk: Spoofing Attacks in Automatic Speaker Verification (ASV): Analysis and Countermeasures

URL: <http://www.cs.fudan.edu.cn/?p=23161>

3) University of Calgary, Biometrics Labs, Department of Electrical Engineering.

Host: Prof. Svetlana Yanushkevich and Marina Gavrilova.

Title of Talk 1: Spoofing Attacks in Automatic Speaker Verification (ASV): Analysis and Countermeasures

Date: April 16,2018.

Title of Talk 2: Speech Enhancement using Generative Adversarial Networks

Date: April 21, 2018.

URL: <http://ucalgary.ca/btlab/home/news/2018>

4) SGGSIET, Nanded, Maharashtra State, India. **Host: Prof. R. S. Holambe.**

Date: Jan. 29, 2018.

Title of Talk: Spoofing Attacks in Automatic Speaker Verification (ASV): Analysis and Countermeasures

5) KIIT Gurgaon, India. **Host: Prof. S. S. Agrawal.** Date: April 12,2018 .

Title of Talk: Spoofing Attacks in Automatic Speaker Verification (ASV): Analysis and Countermeasures

6) M. S. Ramaiah Inst. of Technology, Bengaluru, India.

Title of Talk: Speech Enhancement using Generative Adversarial Networks

Host: Prof. T. V. Rama Murthy, Date: July 17. 2018.

7) Govt. College of Engineering, Gandhinagar, Gujarat State, India. State. Date: July 30, 2018. **Host: Prof. Shalini Rankawat**

Title of Talk: Generative Adversarial Networks for Speech Technology Applications

URL: <http://www.gecgh.cteguj.in/newsletter/>

8) SAMSUNG AI Conclave , Bengaluru, India, Date: August 23, 2018.



Host: Dr. Vikram Vij, Vice President, Voice Intelligence Group, Samsung Research Institute (SRI), Bengaluru, India.

Title of Talk 1: Summary of Speech Research Activates @ DA-IICT

Title of Talk 2: Design of ASR System: A Deep Learning Perspective

9) Summer School on Speech Production, S4P 2018, Sept. 09-11, 2018- a satellite event of INTERSPEECH 2018. **Host:** DA-IICT Gandhinagar, India. Date: September 11, 2018.

Title of Talk: Speech Production-Perception Link: Energy Measurements and Nonlinearities

URL: <https://sites.google.com/site/s4p2018daiict/home>

10) Sarvajani College Engineering and Technology (SCET), Surat, India. Date: September 20, 2018.

Host: Prof. Dipali Kasat, Computer Engineering Department, SCET Surat, India.

Title of Talk: Spoofing Attacks in Automatic Speaker Verification (ASV): Analysis and Countermeasures

11) Centre for Development of Advanced Computing (C-DAC), Mumbai, India.

Title of Talk: Generative Adversarial Networks for Speech Technology Applications

Host: Shri. Pranaw Kumar and Dr. M. Sasidhar, C-DAC Mumbai, India. Date: Oct. 16, 2018.

12) Tsinghua University, Beijing, China. Date: November 10, 2018.

Title of Talk: Spoofing Attacks in Automatic Speaker Verification (ASV): Analysis and Countermeasures.

URL: <http://csit.org/news.php?title=News-2018-12-02>

Host: Prof. Dong Wang and Prof. Thomas F. Zhang.

13) Tianjin University, Tianjin, China. Date: November 19, 2019.

Title of Talk: Speech Production Perception Link: Energy Measurements and Nonlinearities

Host: Prof. L. Wang and Prof. Jianwu Dang.

