

Distinguished Lecturer Levent Sevgi Tours AUSTRALIA

IEEE Antennas and Propagation Society (APS) Fellow member, Distinguished Lecturer (DL), **Dr. Levent Sevgi** (2020 - 2023) was in Australia tour, visiting 6 cities – Adelaide, Melbourne, Canberra, Sydney, Brisbane and Cairns – and gave 12 lectures in 7 universities within the IEEE APS DL Program from Sep 6 to Sep 24, 2022.

Dr. Sevgi gave two lectures in The **University of Adelaide**, “*From Engineering Electromagnetics to Electromagnetics Engineering: Teaching / Training Next Generations*” on Sep 7 and “*Electromagnetic Diffraction Modeling and Simulation*” on Sep 8 organized by the IEEE South Australia AP/MTT Joint Chapter. Fruitful discussions among the colleagues, **Dr. Stuart Anderson**, emeritus senior researcher from DSTG and adjunct faculty and **Dr. Christophe Fumeaux**, professor in Faculty of Sciences, Engineering and Technology, continued in the dinner organized by Chapter Chair, **Dr. Morteza Shahpari** (Picture 1 and 2).

The second stop was the IEEE Victorian AP/MTT Joint Chapter and the activities were organized by **Dr. Fatemeh Babaeian**, Chapter Chair. After having two lectures on “*Electromagnetic Diffraction Modeling and Simulation*” and “*Electromagnetic Guided Wave Theory*” in The University of Melbourne on Saturday Sep 10, Dr. Sevgi, Dr. Fatemeh Babaeian and **Dr. Les Davey**, Vice Chair continued their fruitful discussion during the dinner in a nearby restaurant (Picture 3).

The third organization within this tour was in the University of New South Wales (UNSW) in Australian Defense Force Academy (ADFA) on Tuesday, Sep 13. The host was **Dr. David Powell**, Chair of the IEEE Canberra AP/MTT Joint Chapter. Dr. Sevgi presented two lectures, “*From Engineering Electromagnetics to Electromagnetics Engineering: Teaching / Training Next Generations*” and “*Electromagnetic Guided Wave Theory*”. A group of engineers from nearby defense company also attended the lectures. Questions and discussions in these lectures were mostly defense related. Dr. Powell then showed his research lab and invited Prof. Sevgi for a lunch (Picture 4).

Dr. Sevgi, in his off-day, visited The **Kemal Ataturk Memorial** in Australian Parade in Canberra. Kemal Ataturk commanded the Turkish Forces at Gallipoli during 1st World War in 1915, where 8709 Anzacs from Australia and 2701 from New Zealand lost their lives during **Gallipoli Landing**. Kemal Ataturk later became the founder and first president of modern Turkey. The memorial honors Mustafa Kemal as well as the heroism and sacrifice of both Turkish and Anzac troops who took part in bitterly fought campaign in Gallipoli. Kemal Ataturk delivered his famous message to the Australian and New Zealander mothers in 1934 as an expression of Australia – Turkey friendship (Picture 5).

Dr. Sevgi then visited two universities in Sydney. First, he gave his lecture entitled “*Electromagnetic Diffraction Modeling and Simulation*” in the University of Technology Sydney (UTS) on Thursday Sep 15. **Dr. Syed Muzahir Abbas**, Adjunct member in School of Engineering and Chair of the IEEE NSW AP/MTT Joint Chapter was the organizer and **Dr. Dushmantha Thalakituna**, senior lecturer, in School of Electrical and Data Engineering of UTS was the host. Dr. Sevgi also had time to visit and chat with his friend **Dr. Trevor Bird**, a Fellow member of the IEEE, a past EiC of the IEEE TAP (2004-2010), and a past president of the IEEE APS (2013). Dr. Sevgi had then a dinner together with Dr. Abbas, Dr. Thalakituna and a young PhD student **Foez Ahmed**.

Dr. Sevgi’s lecture in the Macquarie University on Friday Sep 16 was “*From Engineering Electromagnetics to Electromagnetics Engineering: Teaching / Training Next Generations*”. **Dr. Subhas C. Mukhopadhyay**, Fellow of the IEEE, professor of Mechanical/Electronics Engineering in Macquarie University was the host. Dr. Sevgi and Dr. Mukhopadhyay had some time to discuss

current problems and future challenges in engineering discipline during a lovely lunch in the campus (Picture 7). Dr. Sevgi walked around the city the next day and then had a dinner with Dr. Trevor Bird, an IEEE APS Past President and his wife (Picture 8).

Dr. Sevgi then flew to Brisbane and spent a few hours walking around Brisbane River in city center (Picture 9). He gave two lectures entitled “*Electromagnetic Diffraction Modeling and Simulation*” and “*Electromagnetic Guided Wave Theory*” in Griffith University, Brisbane on Tuesday, Sep 20, 2022. The activity was organized by IEEE APS/MTT Queensland Chapter. The hosts were **Dr. Hugo Espinosa**, Chair and **Dr. Arslan Nizami**, Vice-Chair. **Dr. David Thiel** and **Dr. Amin Abbosh** from Queensland University also attended the lectures. Dr. Sevgi, Dr. Hugo Espinosa, Dr. Belinda Schwerin, Head of Electrical Electronics Engineering Program, Dr. David Thiel, Dr. Arslan Nizami, and two researchers from their group, Talia Castley and Yana Salchak then have a nice dinner in a nearby restaurant (Picture 10). Dr. Hugo and Dr. Sevgi visited Mt Coot-Tha for a panoramic city view and spent few hours in Lone Pine Koala Sanctuary the next day (Picture 11).

The last stop was James Cook University in Cairns. Dr. Sevgi gave two lectures in the morning of Sep 23, 2022. The first lecture was “*From Engineering Electromagnetics to Electromagnetics Engineering: Teaching / Training Next Generations*” and the second one was “*Electromagnetic Diffraction Modeling and Simulation*”. The local host, **Dr. Tao (Kevin) Huang**, Vice-Chair of IEEE Northern Australia MTT/CoMM Joint Chapter and Dr. Sevgi also had time to discuss global as well as local engineering problems (Picture 12).

Below are collection of photos and here is the link of a 4.5min video of this program: <https://youtu.be/w3P4sIUlww0>.





Picture 2: 2nd day in Adelaide



Picture 3: Melbourne



EM Diffraction Modeling & Simulation

Prof. Dr. Levent SEVGI
ATLAS University – Istanbul
IEEE Fellow, IEEE AP-S Distinguished Lecturer (2020-2023)
Email: levent.sevgi@atlas.edu.tr, lsevgi5@gmail.com
Web: www.leventsevgi.net

Group Sep 10, 2023





Picture 4: Canberra



Picture 5: Anzac Parade - Canberra



LETTER TO ANZAC MOTHERS!

“THOSE HEROES THAT SHED THEIR BLOOD AND LOST THEIR LIVES ... YOU ARE NOW LYING IN THE SOIL OF A FRIENDLY COUNTRY. THEREFORE REST IN PEACE. THERE IS NO DIFFERENCE BETWEEN THE JOHNNIES AND THE MEHMETS TO US WHERE THEY LIE SIDE BY SIDE IN THIS COUNTRY OF OURS. YOU, THE MOTHERS, WHO SENT THEIR SONS FROM FAR AWAY COUNTRIES, WIPE AWAY YOUR TEARS. YOUR SONS ARE NOW LYING IN OUR BOSOM AND ARE IN PEACE. AFTER HAVING LOST THEIR LIVES ON THIS LAND THEY HAVE BECOME OUR SONS AS WELL.”



M. K. ATATÜRK

Picture 6: Sydney - UTS



MACQUARIE University

IEEE AP-S

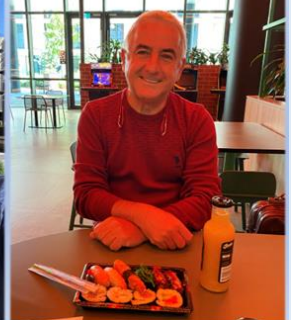
From "Engineering Electromagnetics" to "Electromagnetic Engineering"

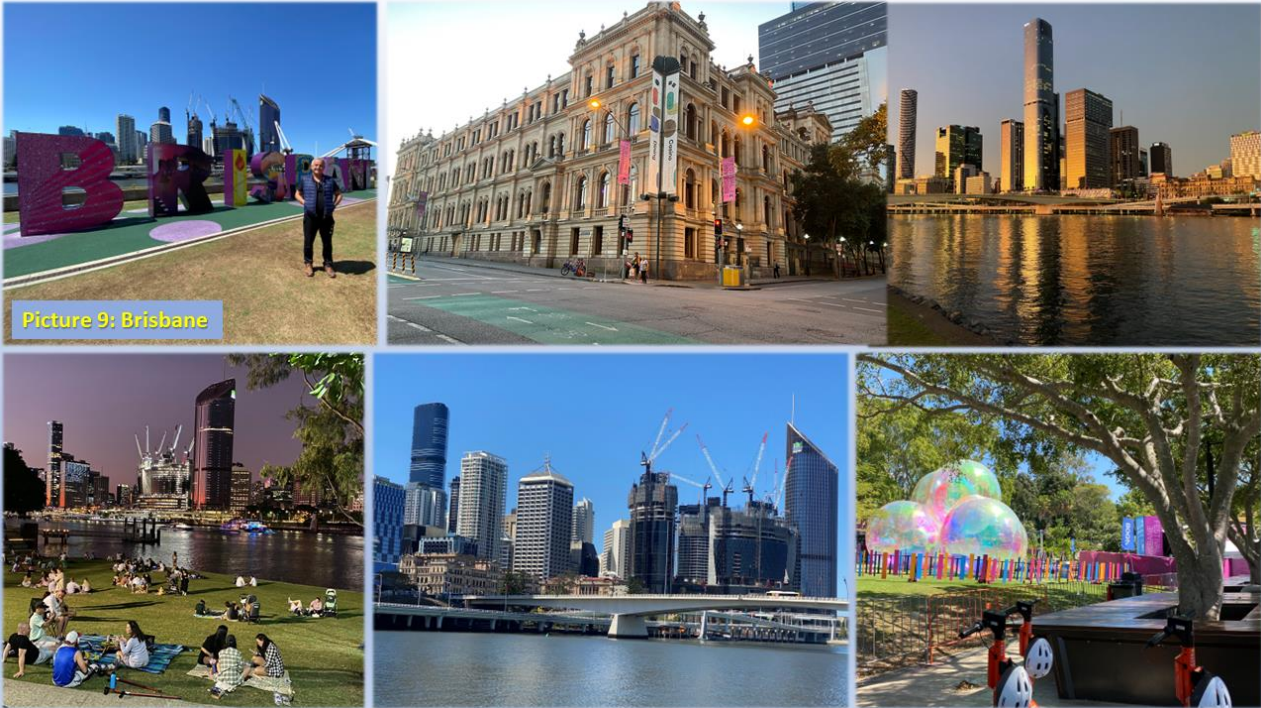
Prof. Dr. Levent SEVGI
ATLAS University - Istanbul
IEEE Fellow, IEEE AP-S Distinguished Lecturer (2020-2023)
Email: levent.sevgi@atlas.edu.tr / sevgi58@gmail.com
Web: <http://leventsevgi.net>

L. Sevgi Sep 16, 2022



Picture 7: Sydney - Macquarie







Picture 10: Brisbane - Griffith



Picture 11: Lone Pine Koala Sanctuary



Picture 12: Cairns – James Cook University