

中央大学 理工学研究所 2022年度 第1回 特別講演会 「URSI: 100 Years of Radio Science Activities」



講師

ピーター ヴァン・デール

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日時: 2022年 11月 11日 (金) 13:30~15:00

Webexによるオンライン開催 【要事前申込み】

参加費無料

- ・本学学内者は後樂園キャンパス 3号館での出席も可能です。
(定員あり。先着順とします。)
- ・11月10日迄に本学理工学研究所ウェブサイト (<https://www.chuo-u.ac.jp/research/institutes/science/>) で詳細をお知らせいたします。
- ・講演中の録音・録画はお控えください。
- ・言語は英語です(通訳なし)。

講演概要:

By the end of the 19th century communications “without wires” developed rapidly. Ranges were initially very modest, but Marconi managed to increase them progressively, reached 110 km over water in 1899, and finally succeeded in creating a radio link across the Atlantic Ocean in 1901, from Cornwall to Newfoundland. The new technology fired the interest of the industrialized world, and the use of “radio” spread explosively. By 1904 daily bulletins were provided for the passengers of the Cunard line, by means of signals picked up from shore stations which successively came within radio range during the transoceanic journey. From 1900 on, a fierce competition started for the domination of the radiocommunication market. Several systems were soon available but to remedy the chaotic situation, a series of administrative conferences were organized, the first held in Berlin in 1903. These conferences made recommendations on such matters as the allocation of frequencies, the form of signals from radio beacons, or the transmission of weather reports and time data. The meetings were government affairs, and only around 1913 did the need for scientific cooperation come to the fore and also lead to the foundation of URSI in 1919 as the International Union of Scientific Radio Telegraphy. The stated objective was to promote scientific studies of radiotelegraphy and to encourage research requiring international cooperation in this field.

This presentation will provide some background information on what scientific discoveries lead to the establishment of URSI and will shine a light on how URSI evolved over all those years.

【申込方法】

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応募フォームからお申し込みください。

<https://forms.gle/QCaPmJ5bowCP7YLw8>

(応募者多数の場合、先着順にて締め切ります。)



主催: 中央大学 理工学研究所

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