

# IEEE Region 8



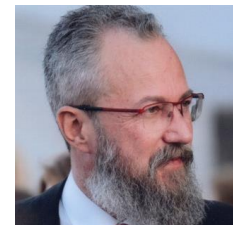
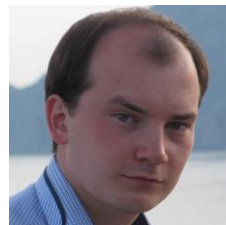
## History Activities

Martin Bastiaans

Bordeaux, October 2024

## Region 8 History Activities — Team

- **Martin Bastiaans**, History Activities Coordinator (2021–2024)
- **Tony Davies**, Past History Activities Coordinator (2013–2020)
- **Ahmed Zobaa**, IEEE History Committee member (2024)
- **Antonio Savini**, IEEE History Committee member (2022–2024)
- **Evgen Pichkalyov**, past IEEE History Committee member (2022–2023)
- **Mathini Sellathurai**, IEEE History Committee member (2024)
- **Sergei Prokhorov**, IEEE History Committee member (2022–2024)
- **Stefano Selleri**, IEEE History Committee member (2023–2024)



# Mission and Statement of authority

## Mission

To stimulate in the Region's subunits the **awareness and importance of history**, the **proper documentation of their history**, and the **organization of history-related activities**.

## Statement of authority

1. Document the **Region's history** and make the documentation publicly available on the Region's website and through the [Engineering and Technology History Wiki](#).
2. Support the **Region's subunits** in properly documenting their **history**.
3. Support the **Region's subunits** in their **history-related activities** — such as (but not limited to) preparation of [IEEE Milestones](#), arranging of [Oral Histories](#), and organization of history-related meetings and conferences — and assist in establishing necessary **contacts with relevant IEEE organizational units**.
4. Maintain a strong relation with the IEEE History Committee and the [IEEE History Center](#).

# Contact and sources of information

- We can be contacted at [history@ieeer8.org](mailto:history@ieeer8.org) (but put [m.j.bastiaans@ieee.org](mailto:m.j.bastiaans@ieee.org) in CC).
- The coordinator maintains **two webpages** on the R8 website: **History Activities** and **History**.
- The R8 **History Activities** webpage is updated on a regular basis. Visit the page to see the latest news about **recent, ongoing, and future history activities** in Region 8.
- The Region 8 **History** webpage and the **Region 8 history book** are updated when new information becomes available. This webpage and the history book are also great **sources of information and inspiration for Sections' histories**.

## Region 8 history book - [A short history of IRE Region 9 / IEEE Region 8](#)

- This book is a living document and is updated whenever new material becomes available. Feel free to send any **comments** and **suggestions** for additions to [m.j.bastiaans@ieee.org](mailto:m.j.bastiaans@ieee.org).

# More on preserving our history

## Documenting Section history at the [Engineering and Technology History Wiki](#)

- Sections are advised to appoint a **History Coordinator**. Please inform us about the person in your Section who acts as the History Coordinator.
- Sections are strongly advised to **document** their [history](#) at the ETHW website. A **template** can be found here: [https://ethw.org/ETHW:Sample IEEE OU Page](https://ethw.org/ETHW:Sample_IEEE_OU_Page).
- Sections are also advised to look for scientists and engineers who achieved important scientific or technical results that – although not qualified for a Milestone – may deserve a broader attention by publication at the ETHW website.

## Possible sources for Sections' histories

- The **minutes** of almost all Region 8 Committee meetings are now available as pdf: [1962-1970](#), [1971-1983](#), [1984-1993](#), [1994-2009](#), and [2010-2022](#).
- [Scanned versions](#) of all **Region 8 News issues** are available and an **index** to news of each Section is provided for easy reference.

# More on IEEE Milestones

## IEEE Milestones

- Sections are advised to **propose Milestones** for significant achievements that took place in their Section. Use your **History Coordinator** and **Life Members Affinity Group**.
- An additional sign placed in the vicinity of the official Milestone plaque, with a **QR code** leading to a link with a description of the Milestone, may draw more attention to the Milestone and provides an easy way to more specific information about it.
- The total number of dedicated [Milestones in Region 8 \(.xlsx\)](#) is currently **64**, with plaques located in 18 Sections: UK and Ireland (**21**); Italy (**9**); France (**7-**); Germany (**6**); Benelux (**4**); Israel, Poland, Russia (Northwest), Spain (**2**), Switzerland (**2+**); Croatia, Denmark, Hungary, North Macedonia, Norway, Serbia and Montenegro, South Africa, Sweden, and Ukraine (**1**). In addition to the actual Milestones, there are **2** Special Citations: one in Serbia and Montenegro (Belgrade) and one in Germany (Paderborn).

# Milestone news since the previous R8 Committee meeting

## Recently dedicated Milestones

- **Birmingham**, England, [\*The development of the cavity magnetron\*](#), 1939-1941; dedicated **4 June 2024**

## Recently approved Milestones

- **Galway**, Ireland, [\*Anderson bridge\*](#), 1891; approved **27 September 2024**
- **Grenoble**, France; **Agrate Brianza**, **Catania**, **Cornaredo**, Italy, [\*Integrated circuits for satellite digital radio\*](#), 1996-1997; approved **27 September 2024**
- **Berlin**, Germany, [\*Long distance transmission of electrical power using three-phase alternating current\*](#), 1889-1912; approved **23 June 2024**
- **Haifa**, Israel, [\*Intel 8087 Math Coprocessor\*](#), 1980; approved **19 November 2023** – dedication postponed



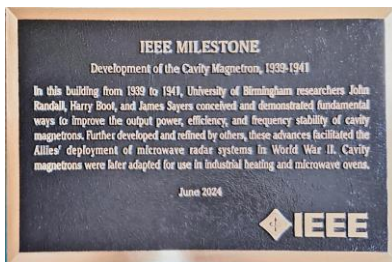
# IEEE Milestone: Development of the Cavity Magnetron



Adam Tickell, Vice Chancellor,  
University of Birmingham  
Tom Coughlin, IEEE President



Peter Grant, Milestone Proposer  
Tom Coughlin, IEEE President





# Milestone news since the previous R8 Committee meeting

## Milestone proposals under discussion at the IEEE History Committee

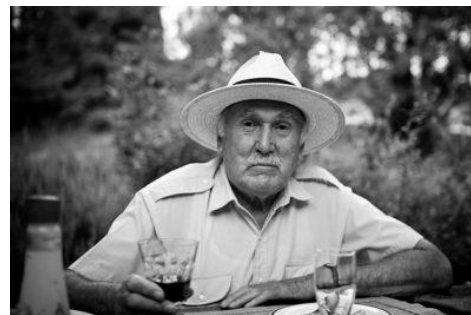
- **Heverlee**, Belgium, [\*Design of the Advanced Encryption Standard \(AES\) Rijndael\*](#), 1995-1998; submitted 30 December 2023
- **Leipzig**, Germany, [\*Unipolar conduction of metal-semiconductor junctions\*](#), 1874; submitted 1 December 2023
- **Antwerpen**, Belgium, [\*ADSL: expediting broadband internet access for society\*](#), 1993-1997; submitted **16 April 2021**

## Special citation proposal under discussion at the IEEE History Committee

- **München**, Germany, [\*The Deutsches Museum, Special citation in history\*](#), 1903; submitted **29 August 2024**

# News since the previous Region 8 Committee meeting

- **C. Reginald Russell** (6th R8 Director 1973-1974) has passed away at almost 99 years of age. He was born in Sheffield on 19-11-1924 and died in Gloucester 3-10-2023. See his [obituary](#), prepared by Charles Turner, and also his [Oral History](#) on ETHW.
- [IEEE History Week](#) around **IEEE Day** (first Tuesday of October)
- During the recent **LMAG/HA meeting**, which was held in conjunction with the [IEEE Alpine Day 2024](#) in **Brugg-Windisch**, Switzerland, **11-12 October 2024**, the recipients of the **2024 Regional Life Members Affinity Group Achievement Award** and **Individual Service Award** have been honored.



**IEEE**

**IEEE Region 8**



## News since the previous Region 8 Committee meeting

- **Hugo Wyss** received the 2024 **Regional Life Members Individual Service Award** with the citation: *To recognize 20 years of promotion of IEEE activities in Region 8 and for major contributions to IEEE milestones and the history of Electrical Engineering.*
- **Goce Arsov** received the 2024 **Regional Life Members Affinity Group Achievement Award** for the **North Macedonia Section** with the citation: *For exceptional contribution to the IEEE community in North Macedonia.*
- **HISTELCON 2025**, *Knowing the past for preparing the future: Lessons of Electrotechnology for the age of AI*, will be held in Bonn, Germany, 30 September – 2 October 2025. Keep an eye on the website (in preparation); the URL is expected to read: <https://2025.ieee-histelcon.org/>



Contributions from Region 8 are solicited for this Region 8 flagship conference.



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Region 8**



## Upcoming Section jubilees in 2025

**25** years **Iceland** Section (23 June 2000)

**70** years **Egypt** Section (8 September 1955)

**60** years **Sweden** Section (20 March 1965)

**30** years **Bulgaria** Section (24 June 1995)

**20** years **Lithuania** Section (18 June 2005)

**20** years **Bosnia and Herzegovina** Section (12 November 2005)

**10** years **Algeria** Section (21 November 2015)