

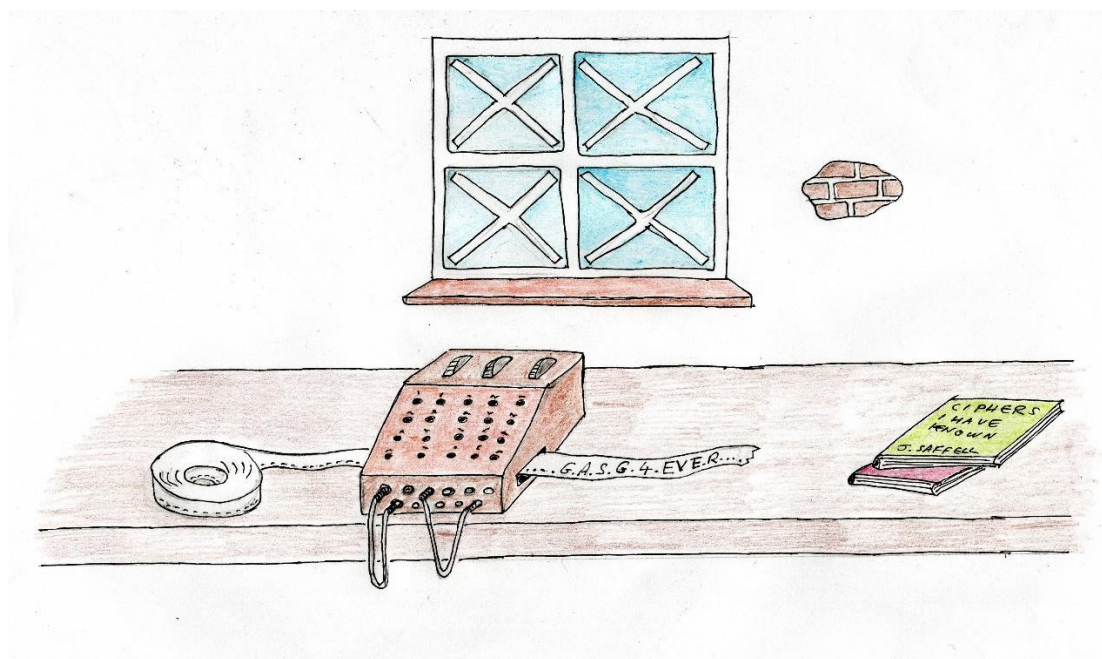


88th GASG Meeting Programme

Gas sensor materials - cracking the code

Thursday, 20th June 2024

Mansion House, Bletchley Park and Online



Gas sensor materials - cracking the code

Programme

Chair – Norman Ratcliffe (University of the West of England & GASG)

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|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10:30 | Registration, refreshments |
| 11:00 | Introduction to the morning session Chair |
| 11:05 | Gas sensing devices with superior selectivity made by flame spray pyrolysis Sotiris Pratsinis (ETH Zurich) <i>Online Presentation</i> |
| 11:30 | Metal-organic frameworks for optical sensing of volatile organic compounds Evandro Castaldelli (University of Nottingham) |
| 11:55 | Rare earth-based sensors for dual modality detection of VOCs using light emission and resistance change Matteo Fois (University of the West of England/University of Bristol) & Norman Ratcliffe (University of the West of England) |
| 12:20 | End of morning session |
| 12:30 | Guided tours of Bletchley Park “Code breaker” Museum |
| 13:30 | Lunch |
| 14:20 | Introduction to the afternoon session Chair |
| 14:25 | MEMs-based sensor for detection of explosive gases (tbc) Paul Basham (Crowcon) and Gary Collins (Nevada Nano) |
| 14:50 | Development of a conducting polymer sensor-based breath ammonia measurement system: validation using SIFT-MS Tony Killard (University of the West of England) |
| 15:15 | Advancements in Gas Sensing: Microchamber and HiSorb Probes Ryan Sutherill (SepSolve/Schauenburg Analytics) |
| 15:40 | Refreshments and networking |
| 16:00 | Close |

Append Registration Form here