



8th International European HRSG Forum 2022 Virtual Event



WHEN

17th to 19th MAY 2022
Three half-day sessions
European Time
CEST 0900-1200hrs

WHERE

ONLINE in English

COST

€100

WHY

The major themes of this international conference will include:

- HRSG tube failures (HTF) (FAC, thermal fatigue, creep-fatigue, under-deposit corrosion)
- Pressure part failure mechanisms related to condensate, drains, and attemperator systems
- Identifying and avoiding damaging thermal transients in pressure parts
- Water treatment and cycle chemistry for HRSGs including FFS
- HRSG preservation for different operational modes
- Behavior and measurement of total iron for operation and daily start/stop
- Material selection and new material applications
- Balance of plant including the steam turbine, condenser, and air-cooled condenser.
- Optimization of plant controls
- Environmental aspects
- Fast Start HRSGs
- Troubleshooting and maintenance of large values

Thanks to our Sponsors



MORE INFORMATION

For sponsorship and registration enquiries contact Rachel Washington on: rachel@meccaconcepts.com.au

<https://na.eventscloud.com/ehome/653541>

PROGRAM

Virtual Meeting Dates:
All times on Agenda are:
which is equivalent to:

Tuesday – Thursday 17th – 19th May 2022

9 am – 12:30 pm CEST (European Time)

8 am – 11:30am (United Kingdom)

*Each presentation has a 25 minute time slot which includes time for questions / answers
Each Sponsor Presentation has a 10 minute slot.*

Day 1 – Tuesday, 17th May 2022 ... times are CEST European-based time zone

- 9:00 to 9:10 **Opening Remarks and Introduction to EHF2022.**
B. Dooley, Structural Integrity, UK and R. Anderson, Competitive Power Resources, USA.
- 9:10 to 9:35 **Replacing a Complete Roof Module with Upgraded Cold Casing System and Penetration Seals.**
J. Waterhouse, Dekomte, UK.
- 9:35 to 10:00 **Attemperator Troubleshooting and Strategies for Improved Unit Turndown.**
D. Blood, Uniper Engineering, UK. and R. Anderson, Competitive Power Resources, USA.
- 10:00 to 10:30 **Questions / Answers and General Open Discussion**
Sponsors Presentations:
Veolia Mobile Water Services, [David Laszlo](#)
- 10:30 to 10:55 **Chemistry Optimization on a 820 MW 2+1 CCGT Plant by Application of a FFS.**
O. Soukup, CEZ, Czech Republic and A. Verstraeten, Anodamine Europe BV., The Netherlands.
- 10:55 to 11:20 **RLTA (Remaining Life Time Assessment): Where HRSG Health Check-up Meets Material Sciences.**
R. Stevens and J-F Galopin, John Cockerill, Belgium.
- 11:20 to 11:45 **The Root Cause that Many Investigators Ignore for the HRSG SCR System's Higher Ammonia Consumption than Design Normal to meet NOx Compliance Resulting in Higher Ammonia Slip.**
T. Chelvan, Siemens-Energy, USA.
- 11:45 **Questions / Answers and General Open Discussion**
Sponsors Presentations:
Mettler Toledo, [Maura Rury](#)
Precision Iceblast Corp, [Matt Peterson](#)
- 12:30 Day 1 Concludes

Day 2 – Wednesday, 18th May 2022... times are CEST European-based time zone

- 9:00 to 9:05 **Day 2 Good Morning and Remarks.**
- 9:05 to 9:20 **Updates on Cycle Chemistry Control (Including IAPWS, FFS and FAC).**
B. Dooley, Structural Integrity, UK.
- 9:20 to 9:45 **Low Cycle Thermo-Mechanical Fatigue Failures on HRSG Reheater Tubes of a Combined Cycle Plant.**
S. Uyumez, T. Basaran and D. Yilmaz, Hamitabat Elektrik Üretim, Turkey.
- 9:45 to 10:10 **PressureWave+ Deep Cleaning, the Solution for all HRSG Designs, Worldwide Experience.**
M. Keusch and M. Bürgin, Bang & Clean Technologies AG., Switzerland.
- 10:10 to 10:30 **Questions / Answers and General Open Discussion**
Sponsors Presentations:
HRST Inc., [Joshua Bierschbach](#)
- 10:30 to 10:55 **New Developments in Attemperation in Modulating and Start - Stop Applications.**
K. van Wijk, Advanced Valve Solutions, B.V., The Netherlands.
- 10:55 to 11:20 **Upgrades for Lifetime Extension at Part Load.**
A. Deo, GE Gas Power Services, Brazil and K. Hutchison, GE Gas Power Services, Switzerland
- 11:20 to 11:45 **Monitoring of Attemperator Leaking.**
E. Eagle, Duke Energy, USA and D. Funk, Flexim, Germany.
- 11:45 **Questions / Answers and General Open Discussion**
Sponsors Presentations:
Reicon Leipzig GmbH, [Ronny Wagner](#)
- 12:30 Day 2 Concludes

KEEP UP TO DATE: <https://na.eventscloud.com/ehome/653541>

PROGRAM

Day 3 – Thursday 19th May 2022 ... times are CEST European-based time zone

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|----------------|--|
| 9:00 to 9:05 | Day 2 Good Morning and Remarks. |
| 9:05 to 9:20 | Updates on Thermal Transients and HP By-Pass Valve Erosion <i>R. Anderson, Competitive Power Resources, USA.</i> |
| 9:20 to 9:45 | The Due Diligence Required for a Film Forming Substance Application in a CCGT Plant. <i>D. Addison, Thermal Chemistry, New Zealand.</i> |
| 9:45 to 10:10 | How (not) to Kill your Bypass Valve. <i>P. Galik, Emerson Flow Controls, UK.</i> |
| 10:10 to 10:30 | Questions / Answers and General Open Discussion Sponsors Presentations: Advanced Valve Solutions, <i>Karel van Wijk</i> |
| 10:30 to 10:55 | Highlights and Selected Results of the Joint R&D Project “VGB Calculation Methods” including Perspectives on Updates of the European Standard on Calculation Methods. <i>J. Rudolph et al, Framatome, Germany.</i> |
| 10:55 to 11:20 | Using FFS in Combined Cycles Closed Cooling Systems. A Case Study. <i>Y. Nussbaum, Ezom, Israel.</i> |
| 11:20 to 11:45 | Desuperheater Lifetime. <i>A. Platon, EdF, France.</i> |
| 11:45 | Questions / Answers and General Open Discussion Concluding Remarks <i>B. Dooley, Structural Integrity, UK and R. Anderson, Competitive Power Resources, USA</i> |
| 12:30 | Day 3 Concludes |

INTERNATIONAL STEERING COMMITTEE

- Barry Dooley (Co-Chair), Structural Integrity, UK
- Bob Anderson (Co-Chair), Competitive Power, USA
- Dan Blood, Uniper Technologies, UK
- Jose-Maria Bronte, Bahía Bizkaia Electricidad, Spain
- Jean-François Galopin, John Cockerill, Belgium
- Vasilis Kalos, GE, USA
- Raymond Gunnewijk, Siemens-Energy, The Netherlands
- Roula Kastanaki, PPC, Greece

SPONSORSHIP & REGISTRATION

SPONSORSHIP:

Virtual Sponsor Benefits:

- One registration
- 10 minutes to address the attendees
- Emailout to all delegates (sent on sponsors behalf)
- Logo on all conference correspondence
- Logo on Sponsor Page on website and where possible during online conference

Total cost only €400.00

Please contact Rachel Washington for sponsorship enquiries:

REGISTRATION:

Delegate registration is €100 which will give you a link to join the virtual conference for the half-day sessions on three consecutive days.

Presenter Registration – virtual presenters will receive a complimentary registration for the main speaker. You will receive a code to use for registration.

Delegates will have access to presentations (if permission is granted by speaker) via a portal on the conference website at the conclusion of the event.