CRC 2020
Chapters Regional Conference
September 24 to 27th, 2020
Eurostarts Suite Mirasierra Hotel
Madrid. Spain
Course Objectives:

- Understand the impact of evolving IT equipment and its impact on data center operating conditions
- Learn how to maintain the integrity of data center environments to assure high availability of IT equipment
- Understand the best practices for designing for increased power requirements
- Know best practices for energy efficiency in actual high-density data centers
- Understand the design of air-cooled and liquid-cooled IT equipment
- Learn methods for measuring data center performance
- Evaluate effectiveness of data center cooling

Course Topics: Load Growth, Data Center & IT Basics, Facilities Air Cooling Architecture, Thermal Guidelines, Liquid Cooling, Measurements, Hardware Basics and Trends, IT Equipment and Data Center Impact, Hardware Testing and Validation, Networking Equipment, Data Center Infrastructure Management, Environmental Envelopes and CFD Modeling.
ASHRAE REGION XIV CRC

Welcoming to the CRC’s participants

Thursday, September 24th. Eurostarts Suites Mirasierra Hotel

PROGRAMME

18.00h  Welcome & Registration at the Hospitality Desk (First floor)

20.00h - 22.30h  Welcome Dinner for first participants at Jaimas Terrace (Eurostarts Suites Hotel)
ASHRAE REGION XIV CRC - Buildings for People & Performance Technical Conference & Exhibition

Friday, September 25th. Garnacha II - III Room

TECHNICAL PROGRAMME

08.00h - 08.30h  Reception and Registration
08.30h - 08.45h  Welcome from ASHRAE President
08.45h - 10.45h  Technical Presentations
10.45h - 11.15h  Coffee Break
11.15h - 13.30h  Technical Presentations
13.30h - 15.00h  Lunch. Sponsors Showroom Networking
15.00h - 18.00h  Technical Presentations
18.00h - 18.30h  Round Table and Closing Session

Possible Lectures (to be developed)

How could cities function within the Planet's Safe Operation Space  Susana Sáiz . Arup
La Ingeniería al servicio de la Sociedad  Loreto Ordoñez. CEO. Engie
Pittburg Airport Case Study  Luis Vidal. CEO
The Balance between Visual Comfort and Energy Efficiency  Henrik Claussen. Fagerhult
New Santiago Bernabeu Stadium
Building Our New Energy Future
Ciberseguridad
Smart Hospital Concept
Maintainability
Caleido Tower
Improving Sales Engineer Efectiveness
Presentation to be confirmed
Presentation to be confirmed
ASHRAE Headquarters. Atlanta

Tristán López - Chincheri. L35
Sheyla Hayter. ASHRAE
To be confirmed
JG
Andrés Sepúlveda. Commtech
Mark Fenwick. CEO
Karine Leblanc. ASHRAE
Pere Viñolas. CEO. Colonial
Ismael Clemente. Merlin
Darryl Boyce. ASHRAE

**CRC PROGRAMME**

17.00h - 19.00h       Business Meetings
19.30h        Bus departure to Welcome Party
20.00h - 23.00h                       Welcome Party at the Residence of the
                                           Swedish Ambassador in Spain
## CRC Programme

**Saturday, September 26th. Garnacha I - II & Workout Rooms**

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>08.00h - 10.30h</td>
<td><strong>TRAINING WORKSHOPS</strong></td>
<td>First floor</td>
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<td></td>
<td>Membership Promotion - MPC</td>
<td>Secuoya 1</td>
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<td>Research Promotion - MPC</td>
<td>Secuoya 2</td>
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<td></td>
<td>Student Activities - SAC</td>
<td>Secuoya 3</td>
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<td>Chapter technology Transfer - CTTC</td>
<td>Acacia 2</td>
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<td></td>
<td>Government Affairs - GAC.</td>
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<td>Young Engineers in ASHRAE - YEAC</td>
<td>Acacia 4</td>
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<tr>
<td>10.30h - 11.00h</td>
<td><strong>COFFEE BREAK</strong></td>
<td>Basement Floor</td>
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<td>11.00h - 13.00h</td>
<td><strong>BUSINESS MEETING</strong></td>
<td>Garnacha II</td>
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<td>13.00h - 15.00h</td>
<td><strong>PRESIDENTIAL LUNCHEON</strong></td>
<td>Garnacha I</td>
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<tr>
<td>15.00h - 18.00h</td>
<td><strong>BUSINESS MEETING</strong></td>
<td>Garnacha II</td>
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<tr>
<td>19.30h - 22.30h</td>
<td><strong>MEMBER NIGHT OUT</strong></td>
<td>Giralda Restaurant</td>
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CRC Programme

Sunday, September 27th. Garnacha II Room

CRC PROGRAMME

08.00h - 10.30h  BUSINESS MEETING  Garnacha II
10.30h - 11.00h  Coffee Break
11.00h - 13.00h  BUSINESS MEETING
13.00h - 15.00h  LIGHT LUNCH and DEPARTURE

LOOKING FORWARD
TO SEEING YOU IN MADRID !!!

For more information, please, contact with:
a.perezbustamante@spain-ashrae.org
secretaria@spain-ashrae.org
ASHRAE REGION XIV CRC
CRC Floor Plans
September 24 - 27th. Eurostars Suites Mirasierra Hotel
Useful Tips to Consider to your Trip

Travel Checklist

Plan your flight in advance! You will save money and you will make sure a wide range of flights options and convenient schedules.

Pack summer clothes!

If you are travelling by plane you have different options from the airport to the hotel.

- **By underground**: Herrera Oria Station (line 9): 600 meters walking
- **By Taxi, Uber or Cabify**: 20 - 30 min.

If your are travelling by car you have a free parking at the hotel during your stay.

**Hotel Address**

Eurostarts Suites Mirasierra Ho

Alfredo Marquerie 43

28034 Madrid

Phone: +34 917 27 79 00

Web: [https://www.eurostarshotels.com/eurostars-suites-mirasierra.html](https://www.eurostarshotels.com/eurostars-suites-mirasierra.html)