LIFT updates

- Seminar Series

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Details</th>
<th>Register</th>
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</thead>
<tbody>
<tr>
<td>June 26</td>
<td>Water AI</td>
<td>PlutoAI; inCTRL Solutions-Monitoring and Control Platform; EMAGiN: HARVi</td>
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<tr>
<td>July 17</td>
<td>Beyond Conventional</td>
<td>Organica; Food Chain Reactor; Stanford University; SAF-MBR; Microvi,</td>
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<td></td>
<td>Activated Sludge</td>
<td>MicroNiche</td>
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<td>August 7</td>
<td>Decentralized Systems*</td>
<td>Baswood-BioVore; Bishop Water; BioCord; Water Warriors; Waving Biomedia; Ovivo; MicroBLOX</td>
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<td>September 11</td>
<td>Aeration</td>
<td>Gardner Denver; Robox Energy; Pulsed Burst Systems; MegaBubble; Perlemax; Micro Bubble Aeration</td>
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<td>October 16</td>
<td>Nutrient Recovery*</td>
<td>Saltworks; Ammonia Splitter; Renewable Nutrients; QuickWash; PRD Tech; Nutrient Recovery</td>
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<td>November 6</td>
<td>Early-Stage</td>
<td>New Limits Technology; Bow Reactor; Mango Materials; Biogas into Biodegradable Plastics; T2C Energy; Biogas Treforming GTL; Puralfide; Plasma Water Reactor + more</td>
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Recent Reports

• Link to the LIFT University-Utility Collaborative Partnerships guidance document: https://www.werf.org/a/ka/Search/ResearchProfile.aspx?ReportId=LIFT22C18
Summer Seminar Update – “Innovative Facility Planning for Smaller Utilities”

• Long-term Planning – Challenges and approaches
  • Consultants, Facility Managers
• Regulatory Barriers? Or Incentivies!
  • Bret Icenogle, CDPHE
• Financial support?
• Innovative Planning for Small Utilities – How can it be done?
  • Leadership perspectives – Suggestions / Travel funds
    • Gogebic-Iron Wastewater Authority, MI - about a 1 MGD facility; research on low-cost, low tech class A biosolids with Mich State, as well as other projects with universities in Wisconsin
    • City of Stevens Point
    • Victor Valley
# Upcoming 2018 Tech Presentations?

## Calendar Outlook

<table>
<thead>
<tr>
<th>Month</th>
<th>Speaker</th>
<th>Title</th>
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<tbody>
<tr>
<td>May</td>
<td>TBD</td>
<td></td>
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<tr>
<td>July</td>
<td>TBD</td>
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<tr>
<td>September</td>
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<td>Conference University Track for Industry</td>
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<tr>
<td>November</td>
<td>2018 IWT Seminar “Innovative Facility Planning for Smaller Utilities”</td>
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Webpage

**IWT Classified – to be posted**

- Internships
  - CSU
  - Centennial
- Call for Pilot Utility-to-Utility Peer Program?
- Logo needed
- Calendar updates
- Locations for upcoming meetings
- Discussion: Offer from CU Boulder to support committee with administrative logistics
# Rocky Mountain Water – IWT Updates

## Calendar Outlook

<table>
<thead>
<tr>
<th>Deadline (Mid Month)</th>
<th>Committee Update / Author</th>
<th>Science, Research and Technology Column</th>
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<tbody>
<tr>
<td>June</td>
<td>TBD</td>
<td>Andy Steward, JUB? - advantages of optimization and pursuing zero liquid discharge - oil and gas - lead and copper rule and possible alternatives for monitoring corrosion issues</td>
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<tr>
<td>August</td>
<td>TBD</td>
<td>TBD</td>
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<tr>
<td>October</td>
<td>Seminar Announcement, TBD</td>
<td>TBD</td>
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<tr>
<td>December</td>
<td>See it Report, Evans</td>
<td>TBD</td>
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