

COM.* 2014: [COM.BigData 2014](#), [COM.Geo 2014](#), [COM.DriverlessCar 2014](#)

(Aug.4-6, 2014, Washington DC, www.comstar-tech.org)

Panel+: The Federal Big Data Working Group

The Federal Big Data Working Group Panel will feature these members who will discuss their involvement in the working group, research applications, use cases, publications, solutions, and technologies:

Moderator (Panel Chair)

- Dr. Katherine Goodier, *Data Sciences Practice Leader*, **Xcelerate Solutions**
Dr. Goodier is the practice leader for Data Science and Enterprise Architecture at Xcelerate Solutions. She is a computational linguist who is a published researcher in the areas of cognitive neural networks, big data, cloud analytics, and standards. She has over 30 years of practical experience.

Panelists

- Dr. Kirk Borne, *Professor of Astrophysics and Computational Science*, **George Mason University**
- Dr. Chuck Rehberg, CTO, **Trigent and Semantic Insights**
- Dr. Joan Aron, Independent Consultant Climate Data, **Aron Environmental Consulting**
- Dr. Tom Rindflesch, Information Research Specialist at Cognitive Science Branch, **National Institutes for Health (NIH)**
- Ms. Mary Galvin, Managing Principal, **AIC & Semantic Community**

Federating Uses Cases:

- Data Science: Brand Niemann
- Privacy and Security: Katherine Goodier
- Environmental and Earth Science: Joan Aron
- Astronomy: Kirk Borne

Federating Data Publications:

- Structured Scientific Content: Papers, journals, books, reports, etc.
- Data FAIRports: Findable, Accessible, Interoperable, and Reusable
- Data Stories That Persuade: Claims and Evidence

Federating Solutions & Technologies:

- Semantic MedLine: Tom Rindflesch
- Reading and Reasoning: Katherine Goodier and Chuck Rehberg, Semantic Insights on Elsevier Content Text Mining
- Social Media and NodeXL: Marc Smith
- Hand-Crafted by Individuals and Teams: Mary Galvin, STEM
- Data Mining Standards and Products: Brand Niemann, Data Publications in Data Browsers
- Machine Processing: Fredrik Salvesen, Semantic Data Publications on Yarc Data Graph Appliance
- Data Curation at Scale: Michael Stonebraker, Tamr on 1000s of Spreadsheets