

Expertise

- **Semantic analysis of web video**
 - Video event detection and recounting
 - Automatic video content annotation (~6K tags)
 - Zero-Shot event search
 - Cloud and single computer versions of the system
 - Prime for IARPA Aladdin
- **Text, speech, audio, and language multimedia processing**
 - Websites, broadcast media (e.g., TV and radio), social media (e.g., Twitter), etc.
- **System building and deployment**
 - BBN Multimedia Monitoring System (TRL 9)
 - BBN VISER
- **Government funded research**
 - IARPA BABEL (prime)
 - DARPA BOLT (prime)
 - DARPA DEFT (prime)

Looking for teammates with

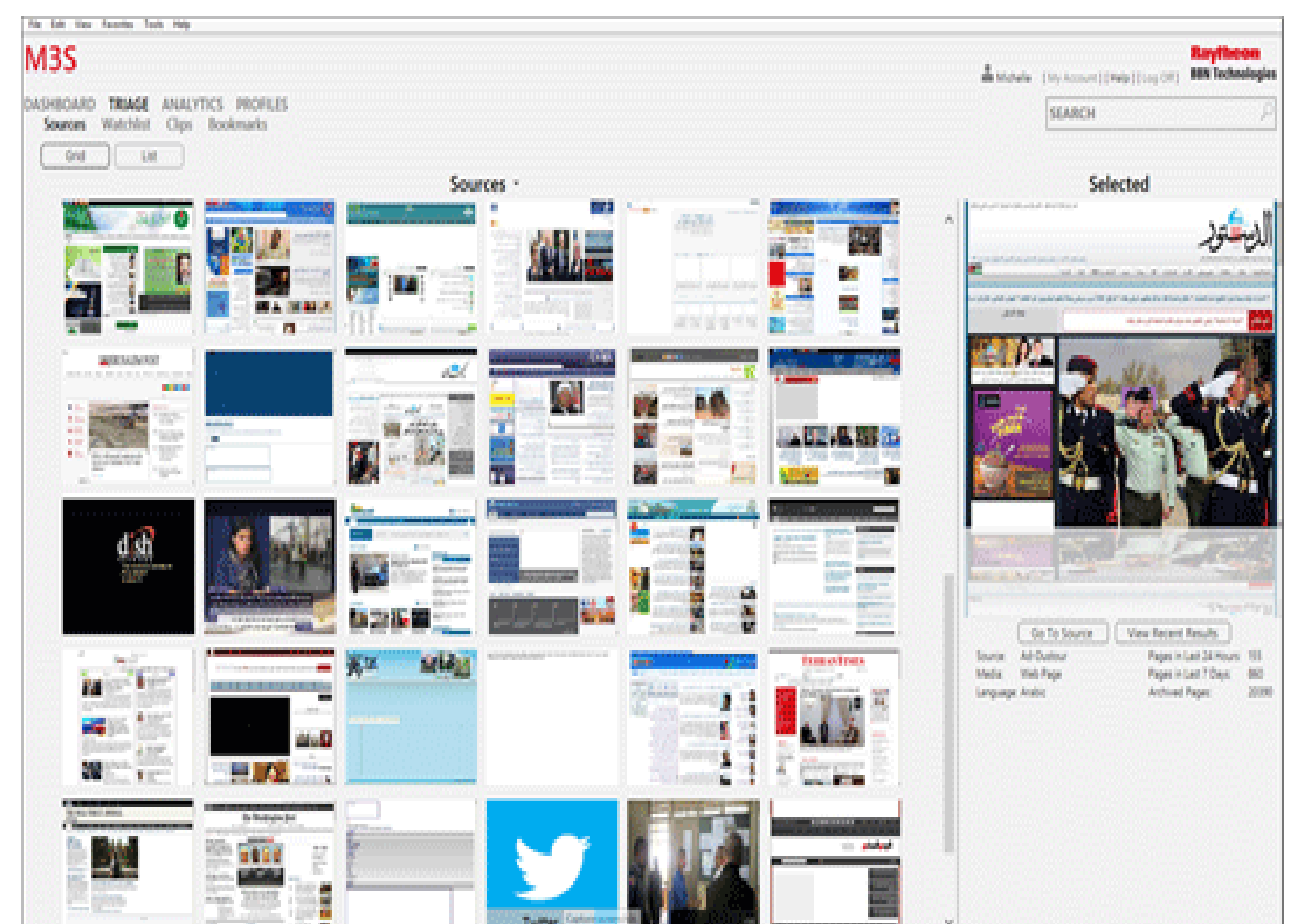
- Probabilistic reasoning for activity detection under uncertainty
- 3D scene reconstruction from multiple cameras
- Person identification and tracking across multiple cameras
- Video Segmentation and Stabilization
- Multiple-view infrared image processing

Research Interests

- Image processing and video analysis
- Natural language processing
- Automatic speech recognition
- Machine translation
- Information extraction



BBN VISER



BBN Multimedia Monitoring System