

# 2<sup>nd</sup> Norwegian Big Data Symposium

## NOBIDS 2016

15 November 2016  
Trondheim, Norway

Web page: <https://www.ntnu.edu/nobids>

### ***Motivation & Topics of Interest***

NOBIDS 2016 welcomes the submission of original research and application papers dealing with all aspects of Big Data.

The impact of Big Data and large-scale data infrastructures is now visible in science, business, government and civil society. Companies store more data than anyone could imagine just a few years back, and the proliferation of open linked data has made it possible to share well-defined data across organizational and geographical boundaries. Big data and data analytics are rapidly expanding research areas that are of great importance to both industry and academia. The focus is on scalable techniques for intelligent data production, collection, classification, storing, integration, analysis and visualization. Big Data is multi-disciplinary of nature and is closely linked to industrial innovation and value creation.

The 2<sup>nd</sup> Norwegian Big Data Symposium (NOBIDS) focuses on Big Data applications and Big Data research from all disciplines, and it aims to bring researchers and industry practitioners together to exchange ideas, establish collaborations and share experiences. There are already a number of successful applications of Big Data solutions in Scandinavian companies. A central objective of the symposium is to create an interdisciplinary community that addresses industry-relevant issues in Big Data and promotes fruitful collaboration between researchers, companies and practitioners. The symposium itself is divided into an industry track and a research track:

- *Industrial track:* Invited speeches on industrial Big Data applications in Scandinavia
- *Research track:* Scientific papers on Big Data and its possible applications

Topics of interests for the research track of NOBIDS 2016 include but are not limited to:

- Industrial applications of big data and data analytics
- Handling Big data V's: Volume, Velocity, Variety and Veracity
- Big data management and life cycle support
- Big data systems and architectures
- New programming models and platforms for big data computing
- Cloud/grid/stream computing for big data
- Big data on mobile platforms
- Large-scale semantics and open linked data

- Big data analytics
- Big data and AI/machine learning and cognitive computing
- Big data and Natural Language Processing
- Big data and High Performance Computing
- Large-scale recommender systems and personalization
- News recommender systems and news analytics
- News summarization, classification and sentiment analysis
- User experience and visualization of big data
- User intelligence and user profiling
- Social media systems
- Big data anonymisation, privacy and security
- Data driven innovation
- Combining open and protected data
- Business models for big data
- Legal aspects of open and protected data
- Evaluation of big data applications
- Big data benchmarking

NOBIDS 2016 is held in conjunction with the NxtMedia Conference (<http://nxtmediaconference.no>) in Trondheim.

## ***Important Dates***

*Paper submission:* 30<sup>th</sup> September 2016

*Authors notification:* 15<sup>th</sup> October 2016

*Camera-ready due:* 1<sup>st</sup> November 2016

*Workshop date:* 15<sup>th</sup> November 2016

## ***Submission Details***

All submissions to the research track should be made using the *EasyChair Conference System*.

<https://easychair.org/conferences/?conf=nobids2016>

The papers must be formatted according to the IEEE 2-column conference article format and submitted as a pdf file. We solicit three types of papers:

- Long papers: Up to 8 pages, including references
- Short papers: Up to 4 pages, including references
- Demo papers: 2-4 pages, including references

Accepted papers will be published online in a [CEUR](#) workshop proceedings. At least one author of each accepted paper must attend the workshop. A selection of the best papers will be invited to publish

in a special issue of an NTNU Open Access journal on big data and analytics.

## ***Location***

NOBIDS 2016 is hosted at Adresseavisen in the center of Trondheim. The address is Ferjemannsveien 10, just a few meters away from the main restaurant district in Trondheim, Solsiden.

## ***Registration***

There is no registration fee for NOBIDS 2016. Participation is free of charge, though the participants are encouraged to register also for the NxtMedia conference the day after.

## ***Organizers & Chairs***

Jon Atle Gulla, NTNU

Rolf Dynes Svendsen, Adresseavisen

Özlem Özgöbek, NTNU

Cristina Marco, NTNU

## ***Program Committee Members***

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