

**Contributors/Presenters:**

**Amalie Ørum Hansen** (Development Consultant), Gentofte Centralbibliotek

**Sergey Borovoy** (CEO), ATAPY Software

**Title:**

***Preserving the Spirit of the Epoch: Digital Conversion of Nordic Music Magazines***

**Abstract:**

The presentation describes a cultural preservation project that involved digital conversion of backlogs of three popular music journals issued in Denmark in the second half of the XXth century:

- Nordic Sounds - the magazine of NOMUS, the NORDIC MUSIC COMMITTEE published 1982-2006
- GAFFA - a free Danish magazine, published 1983-present
- MM - a Danish magazine devoted to Jazz and Rock issued 1968-1989

The project (2007-2008), was funded by the Danish Agency for Culture, Libraries. The following other organizations took part in the project:

- Gaffa A/S, Gaffa Nordic, CEO Robert Borges
- Musikbibliotek.dk, Gentofte Centralbibliotek, former Editor-in-Chief Amalie Ørum Hansen 2008-2010 (now Bibzoom.dk, State and University Library, Editor-in-Chief Niels Mark Pedersen); the idea was initiated by former Editor-in-chief Susanne Kier in 2007.
- Det Virtuelle Musikbibliotek, State and University Library, former Editor Søren Svane Hansen
- The Royal Library, National Library of Denmark and Copenhagen University Library, dept. of Documentation & Digitisation
- ATAPY Software, CEO Sergey Borovoy

The goal of the project was to digitize full collections of all three magazines, believed to be valuable documents of their epoch that convey the cultural “flavor” of the 80-s and 90-s in the Nordic countries; including information about local music acts, the attitude of Nordic music community to worldwide sensations, and snapshots of associated subculture movements. This important knowledge was to become available to people online.

The specifics of the material (from the digitization point of view) included:

- Wide format and multi-column layout
- Colored and textured backgrounds
- A great variety of fonts and font colors within one page; designer fonts used
- Multilingual content

The project volume was over 16 000 pages in total. To ensure excellent searchability of the collection, high recognition accuracy of key materials was a requirement.

## **Biographies:**

### **Amalie Ørum Hansen**

- Area of expertise: Strategic competence development, particularly concerning Libraries of the Capital Region of Denmark
- Representative of the libraries in Danish Agency for Culture, Libraries, Udvalget vedr. Fonogrammer (Committee of Public Lending Right) (2011-2015)

#### Work experience:

Project manager of the fusion between netmusik.dk and musikbibliotek.dk (now: bibzoom.dk) (2010-11)

Musikbibliotek.dk, Editor-in-Chief (2008-2010)

Producer, Danish National Chamber Orchestra (2007-08)

Production Manager, Danish National Opera (2006)

Producer, Mogens Dahls Koncerthus (2005-06)

Assistant Teacher, Royal Danish Academy of Music (Aarhus), (2005-06)

#### Education:

Aarhus University, MA, Musicology and History of Art, 1996 – 2004

Royal Danish Academy of Music (Aarhus), Teachers Degree, Ear Training and Music Theory, 1998 – 2003

### **Sergey Borovoy**

Areas of expertise: Computer programming, business development, sales, project management, business administration, technical consulting in the fields of image analysis, OCR and digitization/data capture, including software tools and technologies used in cultural preservation projects.

#### Work experience:

2001-present: Founder and CEO of ATAPY Software – a company specializing in document imaging, digitization of printed documents and associated software development services. ATAPY completed a large number of projects for libraries and cultural heritage organizations across Europe, and took part in some notable projects in the field (METAe, IMPACT), contributing both software development and human-aided data entry effort.

Project manager, later Deputy VP of Corporate projects and Integration of Technologies, ABBYY Software House (1999-2001)

#### Education:

1994 - Novosibirsk State University, BSc, Computer Science

1997 - Arizona State University, MSc, Computer Science