



“Chorus+ MS Cluster Meeting Minutes”

Trento, April 14, 2011

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Partner Name	Short name	Country
JCP-Consult	JCP	FR
The French National Institute for Research in Computer Science and Control	INRIA	FR
Centre for Research and Technology Hellas - Informatics and Telematics Institute	CERTH-ITI	GR
University of Trento	UNITN	IT
Vienna University of Technology	TUWIEN	AT
University of Applied Sciences Western Switzerland	HES-SO	CH
Engineering Ingegneria Informatica SPA	ENG	IT
THOMSON	THOMSON	FR
JRC Institute for Prospective Technological Studies	JRC	EU

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Abstract

This document summarizes presentations, discussions & decisions taken during the MS Cluster Meeting held on April 14, 2011 in Trento (Trento University Premises, building "Fabio Ferrari")

Next Meeting: Location & date to be confirmed,

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1. Attendance

ANANIA	Loretta	European Commission	Media Search Cluster
BOATO	Giulia	University of Trento	GLOCAL/Living Knowledge
BOI	Silvia	Engineering	Media Search Cluster
CELETTO	Luca	STMicroelectronics	COAST
CROCE	Vincenzo	Engineering Ingegneria Informatica S.p.a	I-SEARCH
DAOUST	François	W3C/Ercim	OMWEB
DARAS	Petros	Centre for Research and Technology Hellas	I-SEARCH
DE NATALE	Francesco	DISI-UNIV. Trento	GLOCAL
DE POLO	Andrea	Alinari 24 Ore	GLOCAL
FONTANARI	Claudio	University of Trento	Media Search Cluster
GALLUZO	Agostino	STMicroelectronics	COAST
GIUNCHIGLIA	Fausto	University of Trento	Living Knowledge
GOURAUD	Henri	INRIA	chorus+
JAIMES	Alejandro	yahoo! research	Media Search Cluster
KOMPATSIARIS	Yiannis	Centre for Research and Technology Hellas	CHORUS+, Media Search Cluster
LARSON	Martha	Delft University of Technology	PetaMedia
MALTESE	Vincenzo	University of Trento	Living Knowledge
NIKOLOV	Stavri	Institute for Prospective Technological Studies (IPTS)	Chorus+ /Media Search Cluster
NUCCI	Francesco Saverio	Engineering Ingegneria Informatica S.p.A	
PERDIKEAS	Menelaos	Synelixis Solutions Ltd.	Media Search Cluster
PERNIGOTTI	Letizia	University of Trento	Media Search Cluster
POINT	Jean-Charles	JCP-Consult SAS	Media Search Cluster
SALA	Massimiliano	University of Trento	Media Search Cluster
SEBE	Nicu	University of Trento	GLOCAL/Chorus+
TAVANTI	Francesca	Alinari 24ORE Spa	GLOCAL / MS Cluster
VANDER LINDEN	Peter	Technicolor	chorus+
WILMET	Michèle	JCP-Consult SAS	chorus+
ZAHARIADIS	Theodore	Synelixis Solutions Ltd	COAST, nextMedia
ZIEMBOWICZ	Michal	University of Warsaw	QLectives

2. Agenda

10:00	10:15	Welcome by Jean-Charles Point	0:15
10:15	10:30	FIArch activities by Theodore Zahariadis	0:15
"Social Media Search" Session			
10:30	11:15	Invited Speaker Alex Jaimes, Yahoo "Opportunities at the Intersection of User Behavior in Search and in Social Networks"	0:45
11:15	13:30	CHORUS+ "Social Search" Think-Tank report » by Pieter Vander Linden "P2P-Next Content Discovery » by Jari Ahola Qlectives "Socially Intelligent Systems for Quality Collectives" by Michał Ziembowicz Engineering "Multimedia Search, looking for a new paradigm" by Francesco Saverio Nucci Petamedia: "Tagging and Geotagging for Social Multimedia " by Martha Larson Exalead "Search vs Social Media" by Henry Gouraud	0:45
13:30	14:30	<i>Lunch break</i>	1:00
14:30	15:30	WeKnowIt – Collective Intelligence from Social Media Analysis" by Yiannis Kompatsiaris GLOCAL "Event-based Retrieval of Networked Media" by Francesco De Natale	0:30
15:30	16:45	Panel and White paper discussion moderated by Yiannis Kompatsiaris	1:45
News from the Cluster			
16:45	18:00	- "3D shape matching and algebraic geometry" by Letizia Pernigotti - LivingKnowledge "a project overview" by Vincenzo Maltese - I-Search "a project overview" by Petros Daras - Upcoming Events	1:00
News from the EC			
18:00	18:15	"What we learned from Call 7" by Loretta Anania	
18:15	18:30	Conclusions and closing by Jean-Charles Point	

3. Presentations and Discussions

NB: all presentations that are mentioned here are available on the EC and Chorus+ website.

Jean-Charles Point opened the session, welcomed and thanked all attendees for their participation.

The presentations started with

- 1) **FIArch activities' description** made by Theodore Zahariadis who presented FIARCh Group as an Experts reference Group (ERF) coordinated by several CSAs (NextMedia, Chorus+, IOT-I, SOFI, SESERV, EFFECTS+, EIFFEL, Paradiso 2) More information to be found at:

http://ec.europa.eu/information_society/activities/foi/research/fiarch/index_en.htm

- 2) The **“Social Media Search” Session**, main topic of this meeting, started with a keynote speech presented by Alex. Jaimes who addressed the User Behavior in Search and Social Media.

To start, Alex presented an historical perspective of the Media (R)Evolution highlighting the very short period covered by social Media. Then, he pointed out the “Big Shift” of the Users’ habits in terms of Time spent on-line and on activities (tagging, linking...). The incredible market value of Social Search and Social Media is of course one main component of the actual situation.

Regarding the Main research areas, Alex detailed about the User (Human-centered) experience and the analytics presenting some specific results and observations based on Image Search queries.

Then, we had the following presentations:

- **CHORUS+ “Social Search” Think-Tank report** » by Pieter Vander Linden who reported on the 2nd Think-tank organized in Firenze (co-located with ACMM on October 27th 2010); Pieter presented the main topics addressed by the questionnaire build on that occasion and the (eventual) conclusions that where reached; the report is available under
http://ist-chorus.org/public/files/Chorus+%20D5.2.2_TT2_WP5_THO_October2010_V1.0.pdf
- Jari Ahola presented how **P2P-Next addresses the Content Discovery** and detailed the technical steps achieved by the project.
- Michał Ziembowicz presented **Qlectives “Socially Intelligent Systems for Quality Collectives”** which is a FET project.
- Francesco Nucci (Engineering), based on the **Pharos** results, presented slides addressing **“Multimedia Search, looking for a new paradigm”**
- Martha Larson presented how **Petamedia** address **“Tagging and Geotagging for Social Multimedia “**
- On behalf of Exalead, Henry Gouraud explained their views of **“Search vs Social Media”**
- Yiannis Kompatsiaris presented the analysis of **“WeKnowIt – Collective Intelligence from Social Media Analysis”**
- Finally, a **GLOCAL “Event-based Retrieval of Networked Media”** presentation was provided by Francesco De Natale

A summary of the main idea presented is available on the cluster report presentation (slides 4, 5, 6 – Annex 1)

Those presentations were followed by an animated discussion chaired by Yiannis Kompatsiaris on

- ✓ *Why preparing a white paper within the cluster attendance?* Goal being to help in defining the needs for future research agendas and programmes.
- ✓ *How to structure this white paper?* By Business area and by Research and socio-economic Challenges
- ✓ *How to proceed and defining a working method?* Starting with a brainstorming to help in defining the TOC and structure, then by email with some intermediate telcos.
- ✓ *Timeline agreed as follows:* 1st TOC by the end of 04/2011 for a final version by early September 2011 with the goal to have them edited for FIA Poznan in October.

First outline of the TOC discussed is available on the cluster meeting report presentation (slides 7 to 10 – Annex 1)

3) News from the projects

- "3D shape matching and algebraic geometry" presentation made by Letizia Pernigotti
- LivingKnowledge "a project overview" by Vincenzo Maltese
- I-Search "a project overview" by Petros Daras

To close the meeting, Loretta Anania presented a general overview of Call 7 proposals and some of the most frequent mistakes.

M. Wilmet reminded that Chorus+ would be pleased to publicized all material provided by projects; She highlighted some Summer schools and upcoming events (slides 11 to 13 / Annex 1); she made a first announcement on Chorus+ final conference to be organised in October 2012 in Belgium (exact location to be defined).

JC Point concludes this cluster meeting by thanking all attendees for their contribution.

---End of Document ---

Annex1: cluster meeting report presentation



MS cluster meeting

Trento, April 15, 2011

Jean-Charles POINT

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MS cluster meeting April 14

- 28 Attendees
- Projects represented: CHORUS+, COAST, GLOCAL, I-SEARCH, Living Knowledge, NextMedia, OMWEB, PetaMedia, Qlectives
- 16 Organisations (EC, Industrial, Academics, Associations, PMEs)

- Presentation of Fiarch activity
- Main focus on social media search aspects:
 - Presentations from projects and industry on challenges and specific aspects (9 presentations)
- Discussion on white paper
- Reports (isearch, LK)+ techn pres.
- events

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Social Networks

- Applications
 - Photo sharing, microblogging, games, facebook, etc
- Data/Content/Media
 - Multimodality
 - Spatio-temporal
 - Large-scale + noise, spam, ambiguity
 - Multi-source (aggregation)
 - Real-time
- Actions/Interactions/Social/Connections
 - Social/user information (friends, etc)
 - Interactions – actions (Like, retweet, comments, etc)
 - Implicit vs explicit

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Search and Technologies

- What kind of search
 - Search using social media
 - who/people/media based ranking
 - Type of analysis
 - Single media item focused
 - Collective
 - Events-based
 - Real-time
 - Research approaches
 - Modeling (graph-based)
 - User experience (human-centered analytics)
 - Analysis of implicit relations
 - Data mining, analytics (for customer experience innovation)
-

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Socio-economic and ethical

- Social psychologists role
 - User & Privacy
 - Spam, reputation
 - Payment
 - Business models – Use Cases
 - Policies
 - isolated silos
-

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White paper

- White paper production on search computing
- Editor: Yiannis Kampatsiaris (CHORUS+ technical manager)
- Timeline:
 - 1st TOC: end 04/2011
 - Final version: early september
 - Regular telcos

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First outline (1)

Business areas

- Mobile
- Social
- Enterprise

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First outline (3)

Research challenges

- Multimodal
- Affective
- Location-based
- Event-based
- Semantic gap
- Multi-lingual
- User experience
- Large-scale
- Reliability and trust
- Services
- Sensors
- Network nodes
- Real-time
- Human aspects
- Personalization - diversity
- Aggregation

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First outline (3)

Socio-economic challenges

Application areas

- Entertainment
- News
- Sports, ...

- Standardisation
- Open source
- Legal and ethical issues

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Some Summer Schools

- 26 June to July 1st, Antalya (Turkey) S3MR/ 2nd PetaMedia Summer School
- 11 to 16 July 2011, Sicily (Italy), ICVSS 2011 / International Computer Vision Summer School
- 25-29 July 2011, Paris, France, ENS/INRIA Visual Recognition and Machine Learning Summer School
- 22-26 August 2011, Zurich, Switzerland, Vision and Sports Summer School, VS3 2011

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Events date

- ICMR 2011, 17-20/04 Trento
- FIA Budapest (18-19 May 2011)
- CBMI, 13-15/06 in Madrid
- Ftre Ntwk & Mobile Summit 11 (15–17/6/11, Warsaw, Pol)
- Medieval 2011 (1-2 Sept - Workshop in Pisa)
- IMAGECLEF 2011 (19-22/09) Amsterdam NL
- 4th NEM Summit Torino on 27-29/9/2011 (*PetaMedia & Chorus+ side event*)
- Chorus+ Wkshp & TTK on Enterprise Search (Sevilla 13-14/10)
- FIA Poznan (24-26 October 2011)
- ACM Multimedia 2011 (28/11 – 1/12) Phoenix US

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Events date

- **October 2012 – Chorus+ final conference (Belgium)**
- Theme
 - AV Search
 - Emphasis on project topics and their combinations
 - Project results
 - TT, AV cluster white paper, main reports
- Special events – session
 - Panels, benchmarking, Final Super TT, platform demo, etc