

## LE-MATH: Learning Mathematics through new <br> 526315-LLP-2012-CY-COMENIUS-CMP

## LE-MATH

Working Meeting 5
23-28 April 2014, Nicosia, Cyprus

Version 1, 30 March 2014

## Agenda

Emergency Contact number for Gregory Makrides: $\mathbf{+ 3 5 7} 99641843$, Elpida Christou: $\boldsymbol{+ 3 5 7 9 9 2 2 2 7 0 1}$ Accommodation: Hilton Cyprus

| Date and Time | Action | Presenter -Comments |
| :---: | :---: | :---: |
| Wednesday 23 April 2014 |  |  |
| All day | Arrivals at the Hilton Cyprus Hotel | Use airport shuttle bus service KAPNOS to Nicosia. Save the ticket. Then it is 300 m walking to Hilton. Some of you may arrive on time that shuttle bus is not operating and we shall arrange a taxi transfer for you. |
| 7-10.00 p.m. | Working Dinner at hotel. Meet at the lobby at 7 p.m. |  |
| Date and Time | Action | Presenter-Comments |
| Thursday 24 April 2014 <br> (meeting room: Room \#1, Mezzanine, Hilton) |  |  |
| 9.00-9.15 | Welcoming and introductions between partnership and EC monitoring visitors, Ms Beata ZNOJ, Ms Eleni MIHAILIDOU, Mr Alf Muller <br> P1 Cyprus Mathematical Society (Gregory Makrides, Costantinos Papayiannis) <br> P2 THALES Foundation(Andreas Skotinos, Elpida Christou) <br> P3 Charles University (Jarmila Novotna, Jana Machalikova ) <br> P4 Loidl-Art, Austria (Helmut Loidl) <br> P5 VUZF, Bulgaria (Sava Grozdev) <br> P6 "CALISTRAT HOGAS, Romania (Circu Nadia ) <br> P7 Lyckeskolan Sec School Sweden(Malin Lydell Manfjard) <br> P8 LEOLAB, Spain (excused) <br> P9 Junior Mathematical Society Miskolc Hungary (Peter Kortesi) <br> P10 European Office of Cyprus, Brussels (Rosemarie Strevinioti) <br> P11 Collège Saint Charles (Katell Treguer) | Market place (bring sweets) |


|  | P12 NTUA -National Technical University of Greece(excused) P13 COM2GO (George Economides, Natasa Nirou) |  |
| :---: | :---: | :---: |
| 9:15-11.45 | Presentation by WP leaders (10-15 min each) <br> Wkpackage 1: Makrides Gregory,(CY) <br> Wkpackage 2: Novotna Jarmila, (CZ) <br> Wkpackage 3: Treguer Katell (FR) <br> Wkpackage 4: Loidl Helmut (AT) <br> Wkpackage 5: Makrides Gregory (CY) <br> Wkpackage 6: Economides George (CY) <br> Wkpackage 7: Lydell Manfjard Malin (SE) <br> Wkpackage 8: Skotinos Andreas, (CY) <br> Wkpackage 9: Makrides Gregory,(CY) <br> External Evaluator : Lucas Zinner, University of Vienna (AT) | WP leaders |
| 11:00 | Coffee served during meeting |  |
| 12.00-12.45 | Le-MATH Press Conference (room Othello) | Media Present <br> All partners present <br> EC visitors invited |
| 13.00-15.00 | LUNCH at the hotel (Ticket required) | All partners with EC visitors, Hilton restaurant |
| 15.00-18.00 | Meeting of EC project managers and expert with Le-MATH project Coordination team | (Cyprus Math Society Office), walk to the office 36 Stasinou street, Offices 102-103, Strovolos 2028, Nicosia |
| 15.00-18.00 | 1. Preparation of registration of finalists <br> Discuss preparation of activities for 25, 26 and 27 April 2. Updating the Guidelines, <br> 3. MATHeatre Scripts Analysis, MATHeatre Stories Analysis <br> 4. Evaluation, interview with pupils and teachers <br> 5. Support to preparation of finalists, rehearsals, testing, set-up <br> 6. MATHpresentations competition assessment at EUROMATH conference | 1. Andreas Philippou (WP1) <br> R00M \#1, Mezzanine <br> 2. Andreas Skoteinos and Katell Treguer (WP5 and WP3) <br> 3. Peter Kortesi (WP1) <br> 4. Helmut Loidl (WP4) <br> 5. Malin Lydel(WP7) and Natasa Nirou (WP6) <br> 6. Costas Papagiannis (WP1) |
| 16.00 | Coffee break while working |  |
| 18.00 | External Evaluation | Lucas Zinner , University of Vienna |
| 20.30 | Dinner at Hotel (Ticket required) | All partners with EC visitors |


| Date and Time | Action | Presenter-Comments |
| :---: | :---: | :---: |
| Friday, 25 April 2014 |  |  |
| 9.30-10.30 | Opening Ceremony EUROMATH and Le-MATH | Ball room A, B,C , Hilton hotel |
| 10.30-11.00 | Coffee-Juice Break |  |
| 11.00-18.00 | -Evaluation procedures with pupil finalists and teachers | Room \#3 Mezzanine Helmut Loidl, Malin Lydell, Rosemarie Strevinioti |
| 11.00-18.00 | - Le-MATH: Mathematics Communication Banner painting activity for pupils (partners support) | Nadia Circu coordinating the event with the graphic designers |
|  | -Workshops (partners Sava Grozdev, Peter Kortesi, Jarmila Novotna) See EUROMATH programme for exact times | Sava Grozdev, Peter Kortesi, Jarmila Novotna |
| 11.00-18.00 | -Communicating mathematics at EUROMATH conference by pupils, Le-MATH best presentations competition | Costas Papagiannis, coordination |
| 11.00-13.00 | Review and Updating of the Guidelines <br> -Working group for MATHeatre Guidelines (coordinated by A. Skotinos) <br> Partner Participants: Andreas Skotinos, Jarmila Novotna, Katell Treguer, Natasa Nirou <br> -Working group for MATHFactor Guidelines (coordinated by P. Kortesi) <br> Partner Participants: Peter Kortesi, Sava Grozdev, George Economides, Jana Machalikova | Room \#1 Mezzanine, Hilton <br> Room \#2 Mezzanine, Hilton |
| 13.00-14.30 | LUNCH (Ticket required) | At hotel with EUROMATH group, |
| 15.00-18.00 | Review and Updating of the Guidelines <br> -Working group for MATHeatre Guidelines (coordinated by A. Skotinos) <br> Partner Participants: Andreas Skotinos, Jarmila Novotna, Katell Treguer, Natasa Nirou <br> -Working group for MATHFactor Guidelines (coordinated by P. Kortesi) <br> Partner Participants: Peter Kortesi, Sava Grozdev, George Economides, Jana Machalikova | Room \#1 Mezzanine <br> Room \#2 Mezzanine |
| 15.00-15.30 | Le-MATH Workshop with teachers | Gr. Makrides and partners |
| 15.30-16.00 | Le-MATH Focus Group kick off | Gr. Makrides and partners Invited members and applicants |
| 18.00 | External Evaluation | Lucas Zinner, University of Vienna |
| 20.00 | Dinner at hotel , Le-MATH group, (Ticket required) | All |


|  | Saturday, 26 April 2014 |  |
| :--- | :--- | :--- |
| $9.00-13.00$ | -Evaluation procedures with pupil finalists and teachers | Room \#3 Mezzanine <br> Helmut Loidl, Malin Lydell, Rosemarie Strevinioti |
| $9.00-17.00$ | -Le-MATH: Mathematics Communication Banner painting activity for pupils (partners support) |  |
|  | -Workshops (partners Sava Grozdev, Peter Kortesi, Jarmila Novotna) <br> See EUROMATH programme for exact times | Sava Grozdev, Peter Kortesi, Jarmila Novotna |
| $9.00-17.00$ | -Communicating mathematics at EUROMATH conference, Le-MATH best <br> presentation competition | Costas Papagiannis, coordination |
| $9.00-13.00$ | Review and Updating of the Guidelines <br> -Working all together for MATHeatre Guidelines and MATHFactor Guidelines <br> (coordinated by A. Skotinos) <br> Partner Participants: Andreas Skotinos, Jarmila Novotna, Katell Treguer, Natasa Nirou <br> Peter Kortesi, Sava Grozdev, George Economides, Jana Machalikova | Room \#1 Mezzanine |
| 13.00 | External Evaluation | Room \#2 Mezzanine |
| $13.00-14.30$ | LUNCH (Ticket required) | Lucas Zinner, University of Vienna |
| $14.30-16.30$ | -Working all together for MATHeatre Guidelines and MATHFactor Guidelines <br> (coordinated by A. Skotinos) <br> Partner Participants: Andreas Skotinos, Jarmila Novotna, Katell Treguer, Natasa Nirou <br> Peter Kortesi, Sava Grozdev, George Economides, Jana Machalikova | Room \#1 Mezzanine |
| $17.00-19.00$ | MATHFactor Europe 2014 Finals | Ball Rooms A,B,C |
| $20.30-01.00$ | MATHEMATICS BY NIGHT Dinner Dance (Ticket required) | Ball Rooms A, B,C |


| Sunday, 27 April 2014 |  |  |
| :--- | :--- | :--- |
| $9.30-13.00$ | MATHeatre Europe 2014 Finals | Ball Rooms A,B,C |
| $13.30-14.15$ | Lunch with the Le-MATH finalists (Ticket required) | Busses depart |
| $14.30-19.30$ | Excursion to Protaras Beach Holiday Resort (Ticket required) | Room \#1 Mezzanine |
| $15.00-18.00$ | Le-MATH partnership meeting <br> Discuss improved version of Le-MATH Guidebooks <br> Reflections on pilot testing activity <br> Focus Group feedback <br> Planning for meeting 6 and work <br> Planning for courses announced within the project life |  |
| 20.00 | Optional Group Dinner |  |
|  | Departures |  |

## Monday, 28 April 2014

## LE-MATH Time Table

| 1 | MNGT | 1 | 24 | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M | M |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2 | IMP | 1 | 5 | II | I | I | I | I |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 | IMP | 3 | 18 |  |  | 1 | I | I | I | I | I | I | 1 | I | 1 | I | I | I | 1 | I | I | I | 1 |  |  |  |  |
| 4 | IMP | 5 | 17 |  |  |  |  | I | I | I | I | I | I | I | 1 | I | 1 | I | 1 | I | I | I |  | 1 |  |  |  |
| 5 | IMP | 3 | 18 |  |  | I | I | I | I | I | I | I | I | I | 1 | I | I | I | I | I | I | I | I |  |  |  |  |
| 6 | IMP | 2 | 23 |  | I | 1 | 1 | I | I | 1 | I | I | , | 1 | 1 | 1 | I | 1 | I | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 7 | DISS | 1 | 24 | D | D | D | D | D | D | D | D | D | D | D | D | D | D | D | D | D | D | D | - | D | D | D | D |
| 8 | QPLN | 1 | 24 | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q | Q |
| 9 | EXP | 6 | 19 |  |  |  |  |  | E | E | E | E | E | E | E | E | E | E | E | E | E | E | E | E | E | E | E |

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LE-MATH Work-packages, Deliverables and package leaders in charge
WKPK 1 Management, meetings and training course
MAKRIDES GR
Deliverable number 1 Project meetings
Deliverable number }2\mathrm{ Progress Report
Deliverable number 3 Final Report
Deliverable number 
WKPK 2 Collection of related good practices in Europe and beyond
JARMILA NOVOTNA
Deliverable number 5 Collection of good practices inside and outside Europe
WKPK 3 Development of theatre scenarios-stories with math elements and guidelines KATELL TREGUER
Deliverable number 6 Guidelines for MATHeatre method
WKPK 4 Pilot Testing and Evaluation HELMUT LOIDL
Deliverable number 7 Pilot testing and report
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WKPK 5 Development of MathFactor Samples and Guidelines MAKRIDES GREGORY

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Deliverable number 8 Guidelines for the MATH-Factor method
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WKPK6 Web-site and platforms design, monitoring and translations ECONOMIDES GEORGE

| Deliverable number | 9 |
| :--- | :--- | Project Website and Social Network Platform $\quad$| Deliverable number | 10 | On-line Support System |
| :--- | :--- | :--- |
| Deliverable number | 11 | Translated Documents |

WKPK 7 Dissemination
MALIN LYDELL MANFJARD
Deliverable number 12 Project Promotional Material

Deliverable number 13 Social Network
WKPK 8 Evaluation and quality assurance ANDREAS SKOTEINOS
Deliverable number 14 Evaluation Reports

WKPK 9 Exploitation
MAKRIDES GREGORY
Deliverable number 15 Exploitation Plan

