### Conference At A Glance

**Wednesday, October 14, 2009**

<table>
<thead>
<tr>
<th>TUTORIALS</th>
<th>Track 1</th>
<th>Track 2</th>
<th>Track 3</th>
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<tr>
<td><strong>Morning</strong></td>
<td><strong>SESSION 1</strong></td>
<td><strong>SESSION 2</strong></td>
<td><strong>SESSION 2</strong></td>
</tr>
<tr>
<td>09:00 – 10:30</td>
<td><strong>An Introduction to Writing Systems &amp; Unicode</strong></td>
<td><strong>Internationalization: An Introduction, Part I: Characters and Character Encodings</strong></td>
<td><strong>Building a Custom Keyboard Layout for the Mac with Ukulele and XML</strong></td>
</tr>
</tbody>
</table>
| | Richard Ishida  
*Internationalization Lead  
W3C* | Addison Phillips  
*Globalization Architect  
Lab126 (Amazon)* | Elizabeth Pyatt  
*Instructional Designer  
Penn State* |
| **10:30 - 10:45** | Morning Refreshments |
| **Morning** | **SESSION 2** | **SESSION 2** |
| 10:45 – 12:30 | **An Introduction to Writing Systems & Unicode** (Cont’d.) | **Internationalization: An Introduction, Part II: Writing Global-Ready Code** | **Arabic Script: Structure, Geographic and Regional Classification** |
| | Addison Phillips  
*Globalization Architect  
Lab126 (Amazon)* | | Thomas Milo  
*President  
DecoType* |
| **12:30 - 13:30** | Lunch |
| **Afternoon** | **SESSION 1** | **SESSION 1** | **SESSION 2** |
| 13:30 – 15:30 | **Unicode - a Grand Tour** | **Web Internationalization - Standards and Best Practices** | **Building Multilingual Websites in Joomla [Drupal]** |
| | Craig R. Cummings  
Michael G McKenna  
*Internationalization Architects  
Yahoo! Inc.* | Tex Texin  
*Xen Master  
XenCraft* | Jim DeLaHunt  
*Principal  
Jim DeLaHunt & Associates* |
| **15:30 – 15:45** | Afternoon Refreshments |
| **Afternoon** | **SESSION 2** | **SESSION 2** |
| 15:45 – 17:45 | **Unicode - a Grand Tour** (cont’d.) | **Creating XHTML/HTML Pages with Right-to-Left Scripts** | **Free Software stack for Unicode Text Rendering** |
| | | Richard Ishida  
*Internationalization Activity Lead  
W3C* | Behdad Esfahbod  
*Software Developer  
Red Hat/GNOME* |
### Thursday, October 15, 2009

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>09:00 - 9:15</td>
<td>Welcome &amp; Opening Remarks</td>
</tr>
</tbody>
</table>
| 09:15 – 10:00 | Keynote Presentation: The Alphabetic Principle and its Enemies  
Nicholas Ostler  
Chairman  
Foundation Endangered Languages |
| 10:00 - 20:00 | EXHIBIT AREA OPEN |

#### 10:00 – 20:00  
EXHIBIT AREA OPEN

#### 10:00 – 10:30  
Morning Refreshments in Exhibit Area

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentations</th>
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</table>
| 10:30 – 11:20 | **SESSION 1**  
**Track 1**  
Programming Languages  
Internationalization with PHP  
Kirti Velankar  
Senior Software Engineer  
Yahoo! Inc.  
**Track 2**  
Fonts and Typography  
Designing & Developing Pan-CJK Fonts for Today  
Ken Lunde  
Senior Computer Scientist  
Adobe  
**Track 3**  
Unicode News  
Unicode Update: Unicode 5.2 and CLDR 1.7  
Mark Davis  
Sr. Internationalization Architect  
Google Inc. |
| 11:30 – 12:20 | **SESSION 2**  
**Track 1**  
Internationalization in Ruby 1.9  
Dr. Martin Dürst  
Aoyama Gakuin University  
**Track 2**  
Unicode & Fonts: a status report  
Kamal Mansour  
Manager of Non-Latin Products  
Monotype Imaging  
**Track 3**  
Patching Holes in the Unicode Pipeline: A Status Report on the Unencoded Scripts of Asia and Africa  
Deborah Anderson  
Project Leader, Script Encoding Initiative, Department of Linguistics, UC Berkeley  
Richard Cook  
Post-Doctoral Researcher, Dept. of Linguistics  
UC Berkeley  
Charles Riley  
Catalog Librarian for African Languages  
Yale University  
Anshuman Pandey  
C.Phil. History  
University of Michigan |
| 12:30 – 13:30 | Lunch |

#### 13:30 – 14:20  
**SESSION 2**  
**Track 1**  
Internationalization for JavaScript applications  
**Track 2**  
The Design & Development of Fully Proportional Japanese  
**Track 3**  
I18n Standards News  
Update on Internationalized Domain Names and
<table>
<thead>
<tr>
<th>SESSION 3</th>
<th>Fonts</th>
<th>Internationalized Resource Identifiers</th>
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</thead>
<tbody>
<tr>
<td>Norbert Lindenberg</td>
<td>Ken Lunde</td>
<td>Dr. Martin Dürst</td>
</tr>
<tr>
<td>Internationalization Architect Yahoo! Inc</td>
<td>Senior Computer Scientist Adobe</td>
<td>Aoyama Gakuin University</td>
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<tr>
<th>14:30 – 15:20</th>
<th>SESSION 4</th>
<th>Fonts</th>
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<tr>
<td>Implementing International Calendars in JavaScript</td>
<td>The Unicode-based Koran: a Conflict Between Calligraphic Tradition and Computer Typography</td>
<td>Language Identification and Usage</td>
</tr>
<tr>
<td>Umesh Nair</td>
<td>Thomas Milo</td>
<td>Mark Davis</td>
</tr>
<tr>
<td>Software Engineer Google Inc.</td>
<td>President DecoType</td>
<td>Sr. Internationalization Architect Google Inc.</td>
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<td></td>
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<td>Addison Phillips</td>
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<td>Globalization Architect Lab126 (Amazon)</td>
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| 15:20 – 16:00 | Afternoon Refreshments in Exhibit Area |

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<tr>
<th>PRESENTATIONS</th>
<th>Track 1 Open Source Libraries</th>
<th>Track 2 Assuring Quality</th>
<th>Track 3 Scripts</th>
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<tr>
<td>16:00 – 16:50</td>
<td>What's New with ICU</td>
<td>A Systematic Approach to I18N Testing</td>
<td>Investigation of Opaque Glyphs Synthesized from Old Hanzi</td>
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<tr>
<td></td>
<td>Steven Loomis</td>
<td>Michael Manca</td>
<td>Toshiya Suzuki</td>
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<tr>
<td></td>
<td>Software Engineer IBM</td>
<td>Project Manager and Solution Quality Analyst IT Flex Services Intel Corporation</td>
<td>Research Assistant Hiroshima University</td>
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<td>Markus Scherer</td>
<td>Tomas Galicia</td>
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<tr>
<td></td>
<td>Unicode Software Engineer Google Inc.</td>
<td>Solutions Quality Analyst IT Flex Service Intel Corporation</td>
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<td>Loïc Dufresne de Virel Localization Strategist IT Flex Services Intel Corporation</td>
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<tr>
<th>17:00 – 17:50</th>
<th>HarfBuzz, the Free and Open OpenType Shaping Engine</th>
<th>Google Internationalization Quality Control Framework</th>
<th>Math Editing and Display in Microsoft Office</th>
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<tbody>
<tr>
<td></td>
<td>Behdad Esfahbod</td>
<td>Andrew Swerdlow</td>
<td>Murry Sargent III</td>
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<tr>
<td></td>
<td>Software Developer Red Hat/GNOME</td>
<td>Internationalization Tech Program Mng Google Inc.</td>
<td>Partner Software Design Engineer Microsoft</td>
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<td></td>
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<td>Jens Riegelsberger</td>
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<td></td>
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<td>Manish Bhargava</td>
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<td>Laura Cuozzo</td>
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<td>Google Inc</td>
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Friday, October 16, 2009

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<thead>
<tr>
<th>PRESENTATIONS</th>
<th>Track 1 Development Platforms</th>
<th>Track 2 Mobile Programming</th>
<th>Track 3 Internationalization in Practice</th>
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<tr>
<td>09:00 – 09:50</td>
<td>International Features of Mac OS X Snow Leopard</td>
<td>International Features of iPhone OS</td>
<td>Practical &quot;Unicode Logic&quot; for Online Tech Courses</td>
</tr>
</tbody>
</table>
| SESSION 7 | Douglas Davidson  
Software Engineer  
Apple, Inc. | Brent Ramerth  
Software Engineer  
Apple, Inc. | Elizabeth Pyatt  
Instructional Designer  
Penn State |
|------------|-----------------|-----------------|-----------------|
| 10:00 – 10:50 | **Windows 7: Writing World-Ready Applications**  
Derek Murnam  
Senior Program Manager  
Microsoft Corporation | **Emoji in Unicode: Cell Phones Meet the Internet**  
Markus Scherer  
Unicode Software Engineer  
Google Inc.  
Katsuhiko Momoi  
Staff Test Engineer & 118n Consultant  
Google Inc.  
Mark Davis  
Sr. Internationalization Architect  
Google Inc. | **Creating an I18n Project Plan**  
Adam Asnes  
President  
Lingoport, Inc. |
| 10:50 - 11:10  Morning Refreshments | | | |
| 11:10 – 12:00 | **Accessing Globalization Services on Multiple Operating Systems**  
Mihai Nita  
Globalization Architect  
Adobe Systems, Inc. | **Taking Moblin to the World**  
Loic Dufresne de Virel  
Localization Strategist  
IT Flex Services  
Intel Corporation  
Michael Kuperstein  
Senior Localization Engineer  
IT Flex Services  
Intel Corporation  
Margie Foster  
Localization Project Manager  
Moblin Project  
Intel Corporation | **Building a Global Names System: A Case Study**  
Cindy Conlin  
Senior Engineer  
The Church of Jesus Christ of Latter-Day Saints |
| 12:00 – 13:00  Lunch | | | |
| 13:00 – 13:50 | **Internationalization in Development Platforms (cont’d)**  
Sumit Sarkar  
i18n Product Specialist  
DataDirect Technologies | **Deploying the Common Locale Data Repository (CLDR)**  
Steven Loomis  
Software Engineer  
IBM  
Mark Davis  
Sr. Internationalization Architect  
Google Inc. | **Unicode Transformations and Security Vulnerabilities**  
Chris Weber  
Casaba Security |
| 14:00 – 14:50 | **Unicode Technology and Globalization Support in IBM UNIX, AIX**  
Su Liu  
AIX Globalization Architect  
IBM | **CLDR on the Cloud**  
Benedicto Franco Jr.  
Software Engineer  
Yahoo! Inc.  
Marco Aurelio Carvalho  
Senior Software | **My Unicode Disk Storage Went into the Circular File**  
Tex Texin  
Xen Master  
XenCraft |
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<td><strong>SESSION 12</strong></td>
<td><strong>Translation Services API</strong></td>
<td><strong>Bidirectional Text</strong></td>
<td><strong>Case Studies</strong></td>
</tr>
<tr>
<td>15:10 – 16:00</td>
<td>Extended Linguistic Services in Windows 7</td>
<td>Mashing-up Bi-Di</td>
<td>Twuanges of the World: a Language Census of Twitter</td>
</tr>
</tbody>
</table>
| | Ryan Cavalcante  
Software Development Engineer  
Microsoft  
James Lyle  
Program Manager  
Microsoft | Adil Allawi  
Technical Director  
Diwan Software Limited | Jim DeLaHunt  
Principal  
Jim DeLaHunt & Associates |
| **SESSION 13**| Google APIs for Text Input and Translation | Bidirectionalization: Demystifying Bidi Enabling | Banking in the Cloud: Challenges of Internationalizing Banking Software (Case Study) |
| 16:10 – 17:00 | Frank Yung-Fong Tang  
Sr. Software Engineer  
Google Inc  
Wenchao Tong  
Software Engineer  
Google Inc. | Roozbeh Pournader  
Internationalization Specialist  
HighTech Passport | Ilya Shtein  
IT Architect  
Metavante |

Program is subject to change.