<table>
<thead>
<tr>
<th>Time</th>
<th>Given Name</th>
<th>Family Name</th>
<th>Organization</th>
<th>Session Topic</th>
<th>Abstract of talk or project</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 AM</td>
<td>Registration</td>
<td>Breakfast</td>
<td></td>
<td>Snacks</td>
<td>Arrival of Participants and Speakers</td>
</tr>
<tr>
<td>9:30 AM</td>
<td>Aahit</td>
<td>Gaba</td>
<td>Lyra Infosystems Pvt. Ltd.</td>
<td>Free/Libre Open Source Software Licenses - Classification &amp; Understanding</td>
<td>• Technical and Legal interpretation of various licenses, like GPL, AGPL, CDDL, BSD, APACHE etc.</td>
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<td></td>
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<td>• The presentation will also emphasize upon the compliance part of various licenses.</td>
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<td>• Unraveling the need of Open Source Review Board (OSRB), and reasons why its formation is pertinent to company’s Open Source Policy (OSRB Team – review and approve the FOSS licenses usages.)</td>
</tr>
<tr>
<td>9:50 AM</td>
<td>Michael</td>
<td>Cheng</td>
<td>Neo Innovation Inc.</td>
<td>The secret to mastering any programming language</td>
<td>Programming is hard. But mastering it can be harder. My talk will be about some tips and tricks I’ve learnt in my 10+ years coding PHP, Objective-C, Javascript and Ruby in mastering any programming language.</td>
</tr>
<tr>
<td>10:10 AM</td>
<td>Open Hardware and Fashion Tec</td>
<td>Lightning Talks</td>
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<tr>
<td>10:10 AM</td>
<td>Cedric</td>
<td>Honnet</td>
<td>Tangible Display</td>
<td>Twiz: Tiny Wireless IMUz</td>
<td>The reason we all love open source is because it represents freedom and collaboration to us. If a way of moving humanity forward by pooling together talent, effort, time and love to create spectacular things as a community. Today there is another community trying to embrace the same principles to accelerate technology and bring it to everyone for the first time in the history of our species. That community is the diybio community. Let’s understand them and help out.</td>
</tr>
<tr>
<td>10:20 AM</td>
<td>Ujjwal</td>
<td>Thaakar</td>
<td>DYBIO</td>
<td>Open Sourcing Biology</td>
<td></td>
</tr>
<tr>
<td>10:30 AM</td>
<td>Aaythana</td>
<td>Randika</td>
<td>University of Colombo School of</td>
<td>Fashionic-Bodapps-Android</td>
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<td>computing</td>
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<tr>
<td>10:40 AM</td>
<td>Prashant</td>
<td>Kiran</td>
<td>BodyApps - BodyViz</td>
<td>A Talk on the 3D Body Visualiser Project</td>
<td>The Talk will be an informative session about the Body Visualiser project, technologies used and the future scope of the project.</td>
</tr>
<tr>
<td>10:50 AM</td>
<td>Vishv</td>
<td>Brahmbhatt</td>
<td>FOSSASIA</td>
<td>BodyApps Services</td>
<td>Brief Introduction of BodyApps Services and technologies used in the project.</td>
</tr>
<tr>
<td>11:00 AM</td>
<td>Alyssa</td>
<td>Quek</td>
<td>Alyssa</td>
<td>Computer vision</td>
<td></td>
</tr>
<tr>
<td>11:10 AM</td>
<td>Wan Leung</td>
<td>Wong</td>
<td>HKCOTA / TINYBOY</td>
<td>TinyBoy 3D printer for students : Follow up</td>
<td>Follow up of the Tinyboy project with the printer creator, Parker Leung.</td>
</tr>
<tr>
<td>11:25 AM</td>
<td>Jan</td>
<td>Jongboom</td>
<td>Telenor Digital</td>
<td>Abusing mobile phones to make Internet of Things</td>
<td>Everyone loves the Raspberry Pi or Arduino, they are amazing little developer boards that drive almost all of the Internet of Things devices. Unfortunately there they have one small problem... They’re very, very expensive. Why do I need to shell out 30$ for a simple dev board, and 69$ for a GSM shield, when I can get a full smartphone for just 25$?! In this talk Jan Jongboom will literally break apart phones, introduce you to his alternative smartphone OS, hack volume buttons to control LEDs, solder some batteries and even juggle some devices.</td>
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<tr>
<td>11:50 AM</td>
<td>Group</td>
<td>Photo</td>
<td>Group Photo</td>
<td>Group Photo</td>
<td></td>
</tr>
<tr>
<td>12:00 PM</td>
<td>Lunch</td>
<td>Break</td>
<td></td>
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<tr>
<td>1:00 PM</td>
<td>Naman</td>
<td>Gupta</td>
<td>Crystal Space</td>
<td>Twisting pixels with Crystal Space</td>
<td>A introduction to an open source cross platform game engine, Crystal Space 3D</td>
</tr>
<tr>
<td>1:30 PM</td>
<td>Remi</td>
<td>Denis-Coumont</td>
<td>VideolAN</td>
<td>VLC media player: news and future</td>
<td></td>
</tr>
<tr>
<td>2:00 PM</td>
<td>Health and Search</td>
<td>Lightning Talks</td>
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<tr>
<td>2:00 PM</td>
<td>Sanyak</td>
<td>Datta</td>
<td>Indian Institute of Technology,</td>
<td>LifeNectar</td>
<td>Lack of connectedness is a leading reason for suicide. In order to reduce suicides we propose a digital journal, named LifeNectar, maintained by an individual to record his thoughts and emotions. Using Natural Language Processing, we analyse an individual’s writing to extract his sentiments. This valuable information is then used to connect them with psychological experts and provide them a platform to discuss and sort their issues. The uniqueness of this idea lies in the fact that we are attempting to automate the process of connecting the persons having suicidal thoughts with professional experts. In most of the cases, absence of this connection spells doom for the victim.</td>
</tr>
<tr>
<td>2:08 PM</td>
<td>Harsha</td>
<td>Sinwardena</td>
<td>OpenMRS</td>
<td>Open Source in Healthcare - The OpenMRS project</td>
<td>I would like to talk about the value of Open source healthcare systems and specifically how OpenMRS project tries to solve healthcare sector related problems using Open source technologies.</td>
</tr>
<tr>
<td>2:16 PM</td>
<td>Aarti</td>
<td>Dwivedi</td>
<td>Indian Institute of Technology</td>
<td>AutisimConnect</td>
<td>AutisimConnect aims to bring together autistic people and medical and behavioral experts under the umbrella of a social network. The primary user for our product is a child newly diagnosed with autism. He/she is most likely to suffer from the following constraints: 1. The nearest clinic is far away from his city of residence. 2. The accessible clinic is not affordable. 3. Autism is stigmatized and family does not agree for treatment due to the fear of ostracisation from the society. AutisimConnect is aimed at providing the following services: 1. A social networking platform for autistic, their friends and family members and medical professionals. 2. Online training portals which would comprise of both a preliminary (automated) and advanced training and would serve as a place for the autists to learn about the rules of the neurotypical world while concurrently getting regular feedback from medical experts. 3. A practice arena where autists can identify their strengths by performing a myriad of tasks with would mimic the real world as closely as possible. This would help them to choose a path of life that is most conducive to their strengths.</td>
</tr>
<tr>
<td>2:32 PM</td>
<td>Michael</td>
<td>Christen</td>
<td>Loklak.net</td>
<td>Look Into The Future With YaCy</td>
<td></td>
</tr>
<tr>
<td>2:32 PM</td>
<td>Akshay</td>
<td>Ratan</td>
<td>DA-IICT/KDE</td>
<td>Its Git to play with :)</td>
<td>The talk takes the audience into the world of version controlling primarily Git Version Control. Git is a tool which is indispensable in today’s entrepreneurial generation besides having an utmost importance in open-source software development and industry. The talk requires no prerequisite. The demonstration and hands-on github session would enable the audience to be equipped with git and go out feeling confident on version control system.</td>
</tr>
</tbody>
</table>
3:45 PM
Jacqueline Rahemipour
sipgate GmbH

What Open Source has in common with Agile Development

At a glance Open Source and Agile Development do not seem to have much in common. But, if you take a closer look at functioning and motivation of the participants some similarities rise: Self organization of teams, distribution of knowledge and the "multi-eye-principle". In both worlds you find an atmosphere of transparency, candידness and a common goal instead of egocentric career ambitions and status thoughts. While Open Source projects usually focus on the benefit of the user, agile development centers the customer value. Eric S. Raymond's statement "Release early, release often! And listen to your customers." from his essay "The Cathedral and the Bazaar" could be just as well valid. The talk will explain the process of developing open source software and how the participants in both worlds work in order to have their ideas turned into reality and how the story of open source and Agile Development can be told.

4:05 PM
Pravin Satpute
Red Hat

Glibc, Unicode and CLDR

Over the last 5-6 months I started working on updating glibc’s to latest Unicode. It’s really surprising when we see: - 18n file providing character type information (CTYPE) got only one fix over the last 6 years. - UTF-8 file provide information for UTF-16 to UTF-8 conversion and also WIDTH of Unicode characters got only couple of fixes in last 6 years. While during the same time Unicode moved from Unicode 5.1 to Unicode 7.0 now. Number of enhancements and bug fixes happened in Unicode but still those are waiting to hit glibc. The GNU C [1] Library is used as the C library in the GNU systems and most systems with the Linux kernel. Glibc is not updated for Unicode it means number of projects using glibc are still missing Unicode updates. There are number of reasons for this. In this talk we will cover work I have been done and how it will be useful in long term to keep Glibc up-to-date with latest Unicode. Things discussed with the glibc upstream and present status. We will also talk how Unicode CLDR is related with glibc and what we can do in coming years to make sure glibc and Unicode data can remain in synchronization.

4:30 PM
End

Sunday March 15

9:00 AM Registration
9:30 AM Chinmayi SK
The Bachchoa Project
Helping Fight Gender Based Violence Through Code
The Bachchoa Project is an open community working to build tools to prevent and fight gender based violence. We do this by creating tools to educate, analyse and report gender based violence. The talk would be about the tools we are solving, the need of these solutions, their impact and how can one contribute to these solutions.

9:50 AM Tien / Truc Nguyen T&Trieu / Le
FT Online
Data-Driven Business with Lambda Architecture and Open Source Big Data Tools
The talk about key questions:
1) What is data-driven business?
2) Why should we apply big data in business?
3) How to use open source software for data-driven business
4) Case study: Building a Digital Marketing Software with Open Source Big Data Tools

10:00 AM Eugene / Huzaifa Tep / Sidhpunwala
The Linux Kernel Organization / Red Hat
Open Source Software Security
For a long time, open source security has been a subject of speculation, with various parties claiming there is no security in open source software. This talk describes various aspects of Open Source security process and shows how it can be better than its closed-source counterpart. The talk will show the work to investigate and manage security flaws reported in the Linux kernel. We will highlight some old flaws we have worked on and talk about future developments. The talk will also discuss some interesting questions on how to keep open source software secure.

10:30 AM Mohit Kanwal Kanwal
Pie
Insecure Android Apps in Google Play
There are about 1.5 million Android Apps on Google Play and a vast majority of these apps don't follow good security conventions. The Android VM uses DEX format an interchangeable bytecode to power the binaries. Like bytecode it can be decompiled. A huge reason is that Android is open source, tools have been developed which can allow an attacker to decompile the application binaries since the DEX format is public. However, since Android is open source, tools have been developed which can allow an attacker to decompile the application binaries since the DEX format is public. The talk would be about the methods used to decompile the application binaries and how an attacker can use this to compromise the application. The talk will explain the work to investigate and manage security flaws reported in the Android VM.

11:00 AM Shivam Verma
The Privy Foundation
The Privy Project - Protecting your content on the Web
Privy gives you the ability to post/tweet/share content anywhere on the web and ensures that the content you post is private. The talk will focus on the motivation behind creating such a project, the technical details of implementing it and the challenges we faced while developing it. The talk will also touch upon the legal implications of such projects and the steps taken to ensure the content posted is private.

11:10 AM Minaz A V
Delhi Technological University
OWASP CSRF Protector
Cross Site Request Forgery (CSRF) has been on OWASP Top 10 for long. It’s hard to detect, but a successful attack can lead to compromised accounts, stolen bank funds, information leaks or hijacked user sessions. OWASP CSRF Protector intends to provide solution for web developers in order to mitigate CSRF attack methods. A version of it (mod_csrfprotector) allows system administrator to implement CSRF Protection without changing a line of code in actual codebase. The talk will include the design of the library/module, how its better than existing methods & how to use it. If enough time is available I’d like to give a live demo on a vulnerable application.

11:20 AM Kim Yong Lim
HackerspaceSG
DevOps and Immutable servers
Immutable servers.
In January this year we released a LibreOffice Viewer Android app which was an important milestone for LibreOffice. Now the focus is to add editing capabilities to make it a competitive productivity application for Android. This talk will focus on the challenges we faced at adding the editing capabilities, performance improvements to the application and show the latest state of development.

**1:00 PM**

**Lunch**

**Break**

**1:00 PM**

**Michael**

**Cannon**

**Axlerant**

**Successfully Managing Distributed Teams**

Distributed teams are a necessity in todays globally connected environment. No longer are our customers, people, and effort all locally located. In fact, they might not even lie on the same continent much less the same side of the world. To promote a healthy environment and ensure clients and products are getting the results needed, sustainable management of distributed teams is a requirement. This presentation will cover the understanding for forming, storming, norming, and performing of remote teams.

**1.25 PM**

**Sudheesh**

**Singanamalla**

**Red Hat**

**Visualization and its usage in good governance.**

In this age of big and open data, a world of freedom and a time when people are voicing their views to their respective governments. Many a times, these opinions and social media have resulted in changes to the way the country functions and views its citizens, e.g. Egypt. The open data is now being strictly monitored and internet censorship is taking on the authorities who want to control the levels of public freedom of expression. This talk aims at visually identifying cases where there have been changes to the functioning of the government making the governance more open and at the same time gives the speakers view of how visualisation of open data could by itself encourage governments to take the right decisions for its citizens and significantly reduce the amount of effort needed for its analysis due to its visual nature.

**1:50 PM**

**Data and Community**

**Lightning Talks**

**2:00 PM**

**Heena**

**Mahour**

**KDE**

**KDE: Journey of a SoK student to GCI organisation administrator**

KDE is an international free software community producing an integrated set of cross-platform applications designed to run on Linux, FreeBSD, Solaris, Microsoft Windows, and OS X systems. It is known for its Plasma Desktop, a desktop environment provided as the default working environment on many Linux distributions, such as Kubuntu. The goal of the community is to provide basic desktop functions and applications for daily needs as well as tools and documentation for developers to write stand-alone applications for the system. In this regard, the KDE project serves as an umbrella project for many standalone applications and smaller projects that are based on KDE technology. The talk involves my journey as a SoK student in 2012 where I worked with KDE under kde educational game pairs, then as a Google Summer of Code student in 2013 with plasma team, emerging as a Google Code In 2013 mentor as well as administrator of Season of KDE 2014 as well as Google Code In 2014 for KDE organization. The talk also involves the changes in plasma so far from plasma 1 to plasma 5, how the code quality has improved with the upcoming plasma development and how to get involved with open source development.

**2:10 PM**

**Handoko**

**Suwono**

**Datacom Informatika**

**TiddlySpace as a platform for Openpublishing**

TiddlySpace is an application available in the cloud for storing document data that could be edited and online updated. It also means that the stored document data can be shared and used collaboratively. TiddlySpace will use the same wiki-like features based on TiddlyWiki, a non-linear offline text editor. TiddlySpace provides a way to make information easily consumable, and publishable. TiddlySpace is available for free and an open source project. http://tiddlyspace.com

**2:20 PM**

**Muhammad Miftakhul Syai Khuddin**

**Mukhlasin**

**BlankOn Project**

**BlankOn, Indonesian way of doing F/OSS development**

Indonesia is a very big Asian country which has a very diverse in culture and many aspects of it's people. There is a basic culture background in it's people social life which resemblences F/OSS where people help each other and stand on each other shoulder to gain an objective. It is called "Gotong Royong". This social culture is still can be seen in villages but unfortunately no longer exist in some big cities. In Indonesia, F/OSS development usually means system integration, or community building. Rarely we see F/OSS in software development in Indonesia. However, there is at least a project which combine Indonesian root of "Gotong Royong" to develop software as well as people, system integration, community building, business activities, educational programs, as well as software development. The project is called BlankOn Project. In this talk, I will elaborate how we Indonesian doing F/OSS development there's way.

**2:30 PM**

**Ranie**

**Anugrah**

**Humanitarian OpenStreetMap Team**

**State of OpenStreetMap Indonesia**

In the past three years, Humanitarian OpenStreetMap Team (HOT) have been playing key role in spreading, teaching and inspiring the use and contribution of OpenStreetMap data in Indonesia. This program which focuses on disaster data preparedness have contribute significantly to open geographic data in national level. This talk will tell the story how it begins, grows, and its future course.

**2:40 PM**

**Minal**

**Patil**

**Vivesvaraya Technological University, Belgaum**

**Teaching Computer Skills to Kids with FOSS**

I have been working with my husband on Project ExpEYES (Pocket Science Lab for Computer interfaced Experiments) and involved in some of the training programs for high-school students. The major difficulty that we faced during such programs is the lack of basic computer skills among young kids. This is mainly because of lack of IT infrastructure in schools. Less than 1% of highschool students have access to computers and Internet. In rural India the situation is even worst. When we got involved with Google Code-In ( My husband is working with FOSSASIA), I realized that students are willing to participate but are unable to do so because of absolute lack of basic computer skills. Some of those who could participate claimed very simple tasks involving only documentation and none of them claimed tasks with coding. This is when I decided to work in this area and help children from underdeveloped parts of India to learn basic computer skills and also coding. Started learning tools like Turtle art, scratch, logo etc and had few amazing experiences with kids. Inspired with the positive feedback from children, now, I have decided to take up this task of teaching code to kids as a life-long mission. I wish to be a part of FOSSASIA community, learn and contribute positively and share my learning experiences.

**2:50 PM**

**Estu**

**Fardani**

**GNU/Linux Bobor**

**Indonesia for Host GNOME Asia Summit 2015**

The GNOME.Asia Summit is the featured annual GNOME Conference in Asia. The event focuses primarily on the GNOME desktop, but also covers applications and the development platform tools. It brings together the GNOME community in Asia to provide a forum for users, developers, foundation leaders, governments and businesses to discuss both the present technology and future developments. The next GNOME.Asia Summit will be the first time held in Depok, Indonesia.

**3:00 PM**

**Hui**

**Tong**

**Beijing GNU/Linux User Group**

**How we learnt from Beijing GNU/Linux User Group Governance**

In this talk, I would like to share some experience on how we learnt from governing Beijing GNU/Linux User Group. It shows some very funny things in China, but how we could resolve it, and how we deal with such commercial and community-based matters. And further more, I will try to give a new way to explain how could we build a better community.
Barbara Cimpa
EdgeWorks German R&D Ltd.

Tiny quality management system or SME

Quality management, "CMMI" .. an organisation follows a rule system. Everyone knows required steps. Everybody knows the task that everyone else is working on. Such 'work system' could be audited (= checked if compliant to a known framework). If so, a 'certificate' is given (CMMI level x, ISO 9001, ..) A company with such certificate produces 'quality' - steps and outcome are transparent, repeatable, and as expected. Of course, clients know the certificates and trust in certified companies. Usually, considerable effort is invested to implement a quality system. An entire department is in charge of the supervision of the system. 'Specialists' are hired and trained to keep such system run - overhead costs. Small companies or start-ups rarely do it. They rather have resources nor staff to even start it. While; such system does not have to be 'big'. It does not have to be 'run by experts'. It can be implemented in a 'minimal configuration', where almost everyone in a company is involved with a few hours per month. The only requirement: more than 1 project. The quality system to introduce during this conference is in use today, by an European software development company of approx. 600 people, accomplishing projects of a value of 1 Mio. USD. It is in use since 15 years, and: it was started while the company was small, with approx. 10 people in Vietnam. That brilliant, minimal, "tiny" quality system is suitable for organisations of any size. And - the company where it is in use, today, achieved CMMI-DEV level 3 with that system.

Shwetank Dixit
Opera Software

WebRTC; P2P and more using open web standards

WebRTC gives us a way to do real-time, peer-to-peer communication on the web. In this talk, we’ll go over the current state of WebRTC (both the awesome parts and the parts which need to be improved) as well as what could come in the future. Mostly though, we’ll take a look at how to combine WebRTC with other web technologies to create great experiences on the front-end for real-time, p2p web apps.

Kiran Jonnalagadda
HasGeek

Building software to bring together open source developers in India

HasGeek is a four year old startup, a community, a collection of open source tools and a platform for open source developers to meet and learn from each other. In this talk, I will explain how we built India’s largest community of open source developers and built tools to help them collaborate. HasGeek’s tools and processes are used for several high profile conferences in India -- JSFoo, Meta Refresh, The Fifth Elephant, Rootconf and Droidcon India -- and even by community-organised events like PyCon India.

Efraim Pettersson
eKila & TechGrind

Creating an OpenSource Economy

We would like to share how we are creating an actual economy of tech innovation in Asia on the opensource model and principles. TechGrind is a project that is an actual legal entity spanning multiple regions across Asia and is building the core components of a thriving tech-innovation industry as an entire array of legal entities operating on an opensource model. We’d like to share how and where we are doing this, what our inspiration for this is, and of course as goes with all opensource projects: invite everyone to join us.

Hong Phuc / Mario / Harish / Roland / Justin / Darwin / Valentine
Dang / Behling / Pillay / Turner / Lee / Gosal / Chua

Wrap up in the main room at NUS Plug-In

What happened and where we go next. See you 2016!