

Hack U at 京都大学 2015 Event Report

Event title	Hack U at 京都大学 2015
Organizer	Assistant Professor Christian NITSCHKE Nariyoshi SHIRAI, Yahoo! JAPAN
Co-organizer	Associate Professor Eiji ARAMAKI, NAIST Professor Sadao KUROHASHI Lecturer Shinji KOBAYASHI
Involvement	Professor Kumiyo NAKAKOJI (jury) Takashi TSUBOTA, Design Innovation Consortium / Yokogawa Corp. (jury) Several Yahoo! JAPAN staff (tutor, jury, support)
Student volunteers	Masakazu ABE Sara AKAOKA BADSSI Hiroaki INOUE Hiroaki KATO Kento OIZUMI Takashi OOKAKI Yevgeniy PUZIKOV Tomohiro SAKAGUCHI The initial plan was to have a student committee organizing and running the whole event. Since this turned out quite ambitious, the idea reduced to having student volunteers for distributing posters and flyers. Student volunteers were recruited by the organizer in several laboratories and Design School.
Time	December 5—19, 2015
Location	Design Fabrication Center (デザインファブリケーション拠点) Design Innovation Center (京都リサーチパーク 9 号館 506)
Participants	Application: 31 (7 teams) School: Informatics: 16 Engineering: 12 Science: 1 Agriculture: 1 Letters: 1 Level: B1: 2 B2: 4 B3: 3 B4: 4 M1: 6 M2: 3 D1: 2 M/D: 7 Final (without resign): 25 (5 teams)

Overview

「Hack U at 京都大学 2015」 was the third Yahoo! JAPAN Hackathon at Kyoto University. In two weeks, 31 students from various fields worked in 7 teams to create applications using soft- and hardware.

Summary

「Hack U at 京都大学 2015」 was the third Hackathon held at Kyoto University, co-organized and largely supported by Yahoo! JAPAN. In this two-week event, 31 participating students from various fields worked together in 7 teams to imagine and implement creative novel applications using soft- and hardware. The Yahoo! JAPAN Hack U event is the University version of the established Yahoo! JAPAN Hack Day, a “Hackathon” event, held twice a year at Yahoo! JAPAN. Hacking has a broad meaning. It is the fun to be creative, the investigation of problems, the development of innovative solutions, the understanding of background and available resources, and the demonstration of results. The concept is a fun and motivating event that combines many benefits for the participants, such as the development of hard (system design and development, Yahoo! JAPAN API usage) and soft skills (discussion, presentation, interdisciplinary team work), and a platform to realize a novel achievement. The time schedule of the event could be flexibly decided, where we went for a two-week implementation considering availability of KU and Yahoo! JAPAN staff, and students’ ability to dedicate maximum efforts. During that time the participants were guided (optional) and worked together in teams to realize a novel creative and technical development that covered software and applied hardware. Regarding our subjective impressions and the objective questionnaire results, the event was a success that should be continuously offered.

Design School event webpage:

<http://www.design.kyoto-u.ac.jp/activities/forthcoming/6657/>

Yahoo! JAPAN event webpage:

<http://hacku.yahoo.co.jp/kyoto2015/>

Flickr event photos:

https://www.flickr.com/photos/yhacks_jp/sets/72157660420033843/

Schedule

説明会 Explanation	2015 年 11 月 16 日 (月) 12:10～12:50 京都大学 吉田キャンパス デザインファブリケーション拠点
キックオフ Kick-off	2015 年 12 月 5 日 (土) 10:00～12:00 京都大学 吉田キャンパス デザインファブリケーション拠点
開発期間 Development period	2015 年 12 月 5 日 (土) ～2015 年 12 月 18 日 (金) <ul style="list-style-type: none">Flexible timeYahoo! JAPAN engineers (tutors) support through email
技術相談会 Technical consultation	2015 年 12 月 5 日 (土) 13:00～18:00 2015 年 12 月 12 日 (土) 13:00～18:00 京都大学 吉田キャンパス デザインファブリケーション拠点
発表会 Final presentation, Awards, Party	2015 年 12 月 19 日 (土) 14:00～18:00 京都リサーチパーク 9 号館 506

Awards

Yahoo! JAPAN award (first price)

30,000 T points

Design School award (price for interdisciplinary / design thinking)

SWITCH SCIENCE myThings をはじめようキット SSCI-023665 (<http://ssci.to/2366>)

IoT sensor and controller kit for programming in conjunction with Yahoo! JAPAN IoT web service

12,000 円

Recruitment of participants

Web:

Yahoo! JAPAN event webpage: <http://hacku.yahoo.co.jp/kyoto2015/>

Design School event webpage: <http://www.design.kyoto-u.ac.jp/activities/forthcoming/6657/>

Mailing list:

November 7 and 20 (reminder)

Design School: Faculty, Doctor, Master, Preparatory

Graduate School of Informatics: Faculty, Students, several laboratories

Poster: 240 (30x8) A3

Flyer: 1200 (150x8) A5 (double-sided)

The flyer features a red and green background with a subtle pattern. At the top left is the Yahoo! JAPAN logo. The main text in white reads: '情報技術を使ってアイデアを形に！' and 'ヤフー社員がサポートします'. Below this is the 'HACK U' logo in large red letters, followed by the Kyoto University logo and name. A detailed schedule is listed on the left, and a map of the Yoshida campus is on the right. A QR code is at the bottom right.

YAHOO! JAPAN

情報技術を使ってアイデアを形に！
ヤフー社員がサポートします

HACK U 京都大学 KYOTO UNIVERSITY

説明会 11月16日(月) 12:10~12:50
京都大学 吉田キャンパス
デザインファブリケーション拠点

キックオフ 12月5日(土) 10:00~12:00
京都大学 吉田キャンパス
デザインファブリケーション拠点

開催期間 12月5日(土)~12月18日(金)

技術相談会 12月5日(土) 13:00~18:00
12月12日(土) 10:00~18:00
京都大学 吉田キャンパス
デザインファブリケーション拠点

発表会 12月19日(土) 13:00~18:00
京都リサーチパーク 9号館506

イベント詳細・エントリー方法はこちら！
<http://hacku.yahoo.co.jp/kyoto2015/>

A5 flyer (front)
(Yahoo! JAPAN)

The poster has a light green background. The title 'Hack U 京都大学 2015' is at the top. Below it, a large bracket groups the text: 'すごいプログラマーも', 'ふつうのプログラマーも', 'アイデアだけでもっている人も', and 'チームワークが好きな人も', followed by 'きたれ！'. The section 'Hack U 京都大学 2015とは？' explains the event's purpose. A QR code is on the right. The bottom section 'まずは説明会にお越しください' provides event details and a map. A table at the bottom lists event specifics.

Hack U 京都大学 2015

すごいプログラマーも
ふつうのプログラマーも
アイデアだけでもっている人も
チームワークが好きな人も } きたれ！

Hack U 京都大学 2015とは？

プログラミングやデザインを通して、あなたのアイデアを形にしてみませんか？
Hack U (ハック・ユー) は、学生のための「ものづくり体験イベント」です。

Hackとは、創意工夫のこと。
世界中のYahoo!で開催されている開発コンテスト"Hack Day"をベースに、Yahoo! JAPANと教育機関が共同開催しているのが"Hack U"です。
ものづくりの楽しさに出逢う機会となるよう、Yahoo! JAPANの現職社員および京大デザイン学の教員がみなさんのサポートにつきます。

まずは説明会にお越しください
説明会：2015年11月16日(月) 12:10~12:50
京都大学吉田キャンパス デザインファブリケーション拠点

キックオフ	2015年12月5日(土) 10:00~12:00 京都大学 吉田キャンパス デザインファブリケーション拠点
開発期間	2015年12月5日(土)~2015年12月18日(金) 夜間の後など、余裕を利用して自由に開発してください。 Yahoo! JAPANのエンジニアがメールなどでサポートします。
技術相談会	開発期間中に2回開催します。 2015年12月5日(土) 13:00~18:00 2015年12月12日(土) 10:00~18:00 京都大学 吉田キャンパス デザインファブリケーション拠点
発表会	2015年12月19日(土) 13:00~18:00 京都リサーチパーク 9号館506
参加資格	京都大学に在籍する学生

<http://hacku.yahoo.co.jp/kyoto2015/>

A5 flyer (back), A3 poster
(Aramaki/Nitschke, based on official webpage)

Poster and flyer contents were created by Yahoo! JAPAN and Professors Aramaki and Nitschke based on the official Yahoo! JAPAN event webpage. 240x A3 posters and 1200x double-sided A5 flyers were prepared and handed over to the student volunteers together with instructions and tools on November 7, 2015.

Each student volunteer was assigned an area and location on Yoshida main, north, south and medical campuses to attach 30 posters and distribute 150 flyers as soon as possible before the Setsumeikai on November 16, 2015.

The student volunteers were asked to keep track of the poster attachment spots on an assigned map and remove the posters as soon as possible after the beginning of the event on December 5, 2015.

Posters and flyers should be prepared, professionally printed and distributed well in advance. As in 2013, posters and flyers should be also sent to the offices of the KU schools for official announcement.

Questionnaire

On the day of the final presentation, Christian Nitschke carried out a questionnaire that was answered by 19 (76%) of the participants. The answers provide valuable feedback evaluating the event and KUDS.

Event related

Q4. Impression of the event:

All in the positive range, mostly very good.

Q5. Call for participation:

Most effective was personal recommendation through acquaintances, laboratory and in class.

Less effective was media announcement, where poster was most effective and flyer, Design School and Event webpage were not effective.

Q6. Plan to participate in 2016:

Balanced. While the impression of the event was good, there are inhibiting factors like time and effort priority, and potential graduation.

Q7. Best time for event:

Answers spread over the whole year with a peak in summer holidays and November.

Conclusion:

The event was well received and successful.

In the future, recruitment should be more professional:

- more early,
- more prominent as an official KU event,
- more comprehensive through increasing advertising channels (homepage, classes, mailing lists, different departments, etc.) and involving more people,
- more personal through teachers in laboratories and class, and mailing lists

KUDS related

Q8. KUDS member:

Non-members, except one participant.

Q9. How to know about KUDS:

Balanced results for activity (own: job, class / KUDS: Setsumeikai in Graduate School), recommendation by professor, laboratory or friends and through the Hack U event.

Half did not give any answer, probably because they just knew about KUDS through the Hack U event.

Q10. Impression:

All in the positive range, mostly good.

Q11. Impression improvement through event:

The impression improved for nearly everyone.

Q12: Consideration of application:

Unfortunately, mostly no one considers applying.

The likely reason is that they do not know the details about KUDS and the Collaborative Graduate Program in Design.

Q13: Motivation for application improvement through event:

However, the event could still motivate nearly half of the participants to consider an application.

Conclusion:

The event was effective to introduce, improve impression and motivate application for KUDS, among the participants.

Since the participants are mostly students up to master level, they are potential candidates for KUDS. Therefore, it is recommended to increase the number of participants through improving the recruitment process.

While the participants gained a positive impression of KUDS, they may not be aware of the details and the Collaborative Graduate Program in Design.

Therefore, it is recommended to have an official introduction in Japanese (such as the ones given by Professor Ishida at the Spring Design School AR.Drone Contest 2014 and 2015) at the final presentation between presentations and award ceremony, when the jury discusses the team ratings. This time was also used by Yahoo! JAPAN to give an introduction on the company for staff recruiting purpose.

The attendees of the final presentation event are mostly participants, Yahoo! JAPAN and event-affiliated KUDS staff. Regarding the high quality of the results and the positive impression (for all Hack U 2013, 2014 and 2015), it is recommended to improve the recruitment process for the final presentation, and (with this) the recognition of the results, event and KUDS. Also, the event and results should be more prominently announced.

Kick-off (12/5)



Introduction



Team work



Team work



Team work

Final presentation (12/19): Presentations



Start



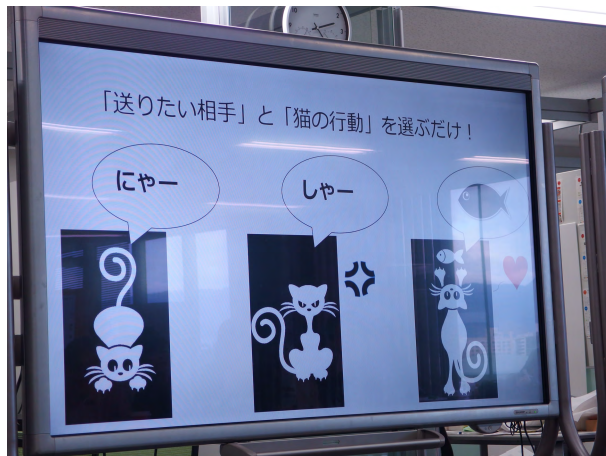
Jury



Presentation Team 1



Presentation Team 2





Presentation Team 3



Presentation Team 4



Presentation Team 5



Final presentation (12/19): Demonstrations



Demonstration session



Demonstration Team 1



Demonstration Team 2



Demonstration Team 3



Demonstration Team 4



Demonstration Team 5

Final presentation (12/19): Award ceremony



Jury meeting



Yahoo! Award (first price): Team 5



Design School Award: Team 3

Final presentation (12/19): Party



Beginning



Lots of Pizza from Yahoo!

Hack U 京都大学 2015 Final Presentation Questionnaire Results

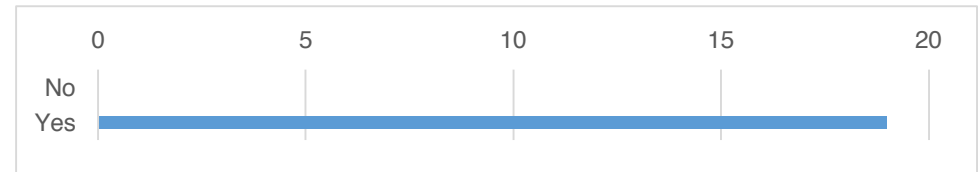
Number of answered questionnaires: 19

Q1. Name (not mandatory)

Q2. Affiliation (for student also study year)

Q3. Are you a participant?

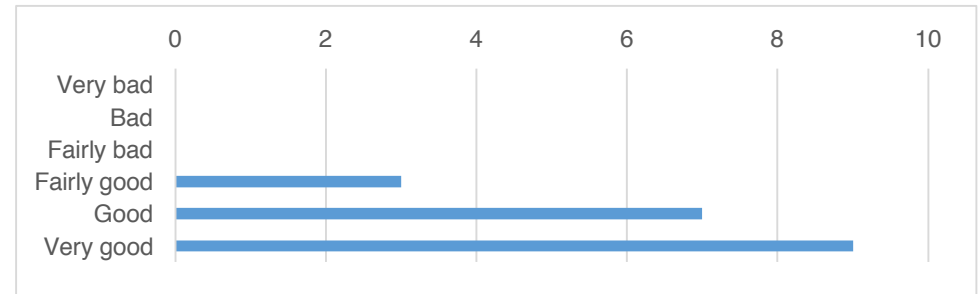
No	0	0%
Yes	19	100%



Q4. What is your impression of the event?

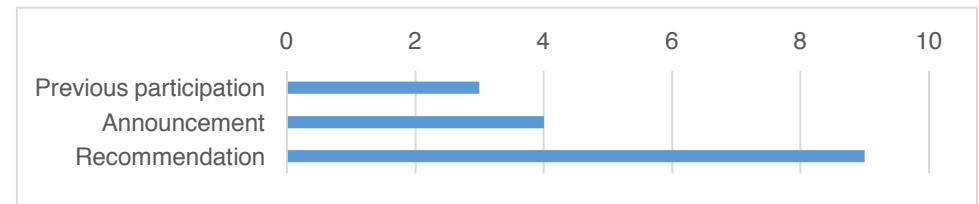
“Event” means whole Hack U (for participant) or final presentation (for visitor).

Very bad	0	0%
Bad	0	0%
Fairly bad	0	0%
Fairly good	3	16%
Good	7	37%
Very good	9	47%



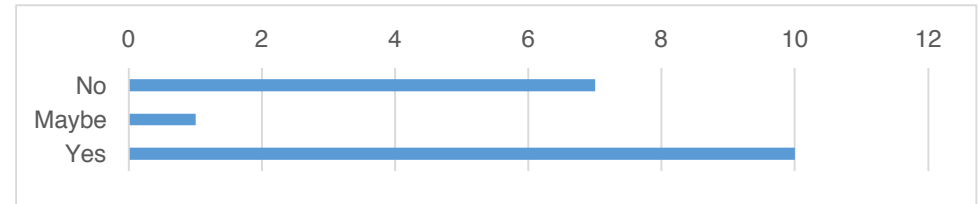
Q5. How did you know about the event?

Previous participation	3	19%
Announcement	4	25%
Design School webpage	0	
Yahoo! event webpage	0	
Poster	4	
Recommendation	9	56%
Professor	2	
Laboratory	3	
Friend	4	



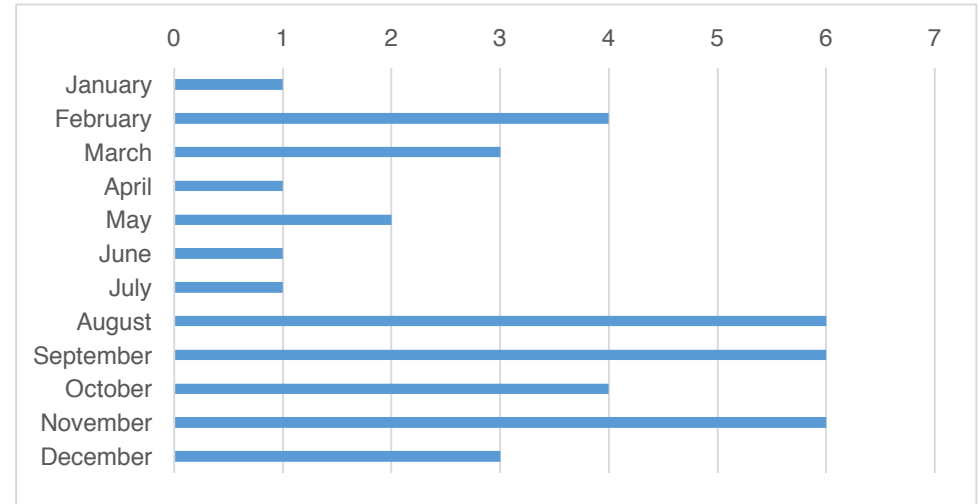
Q6. Are you planning to participate in Hack U 2016?

No	7	39%
Maybe	1	6%
Yes	10	56%



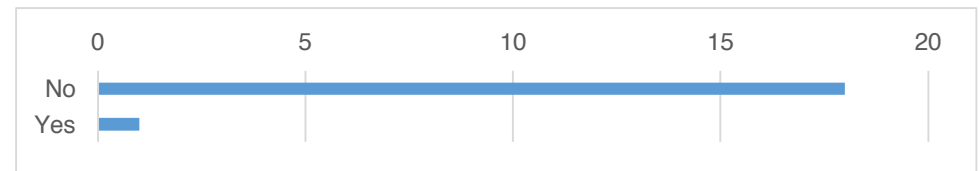
Q7. What would be the best time for Hack U 2016?

January	1	3%
February	4	11%
March	3	8%
April	1	3%
May	2	5%
June	1	3%
July	1	3%
August	6	16%
September	6	16%
October	4	11%
November	6	16%
December	3	8%



Q8. Are you a Kyoto University Design School (KUDS) member?

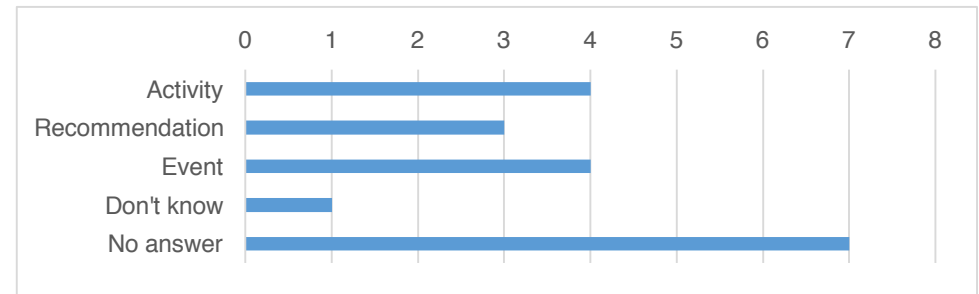
No	18	86%
Yes	1	14%



Please answer Q9.-Q13., only if you answer Q8. with “no”.

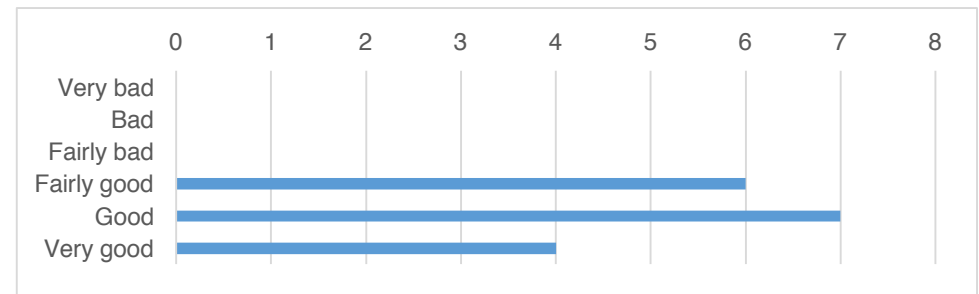
Q9. How did you know about KUDS?

Activity	4	21%
From before	1	
Part-time job	1	
Class	1	
Setsumeikai Grad. School	1	
Recommendation	3	16%
Professor	1	
Laboratory	1	
Friend	1	
Event	4	21%
Event poster	2	
Event setsumeikai	2	
Don't know	1	5%
No answer	7	37%



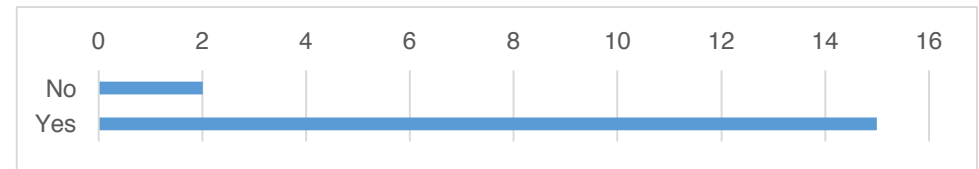
Q10. What is your impression about KUDS?

Very bad	0	0%
Bad	0	0%
Fairly bad	0	0%
Fairly good	6	35%
Good	7	41%
Very good	4	24%



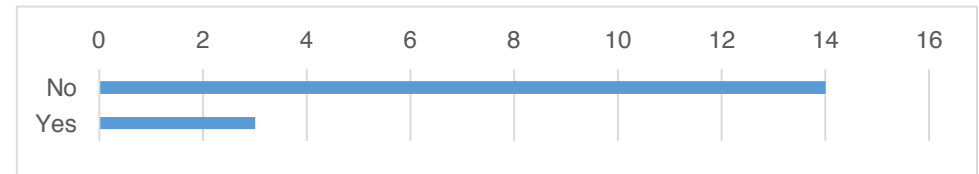
Q11. Did this event improve your impression about KUDS?

No	2	12%
Yes	15	88%



Q12. Do you consider applying for KUDS?

No	14	82%
Yes	3	18%



Q13. Did this event motivate you to apply for KUDS?

No	10	59%
Yes	7	41%

