

WS 154: Intelligent Risk management in a mobile online environment

How can adults in charge of minors fulfil their duty of parenting while at the same time respecting the rights of the child?

Appreciative Inquiry Session organised by

Zentrum für Kinderschutz im Internet – I-KiZ

klicksafe – German Awareness Node in the EU-Safer Internet Programme

Google

When: Wednesday, Sept. 3rd, 2014, 11.00 – 12.30 a.m.

Where: Room No. 5

Children and youths are accessing the Internet increasingly via mobile devices. A reliably available broadband infrastructure anywhere and high usability of devices like Tablet PCs and Smart Phones are the enablers of the fast growing mobile Internet usage among children and youths. This development raises new questions and challenges for parenting. Parents and other adults in charge of minors are asking for technical support to protect their children from unwanted encounters with harmful content and potentially risky contact with strangers. But at the same time children and youths themselves are holding fundamental human rights like privacy and freedom of speech that must be respected. With parental control as it is provided by technical tools often a high degree of monitoring of children's usage habits comes along that should be seen as intrusion into privacy and is therefore intolerable. Intelligent risk management in a mobile online environment should comprise both: protection of children and empowerment of youths by appropriate educational approaches and adequate technical means. In this session light shall be cast on the current educational situation in families, media literacy of the parents and available technical tools for parental control but also new strategies like Safety by Design and the legal framework of children's rights and parents' duties shall be discussed.

In this 90 minutes working session moderated by Jutta Croll we will take a look into the future and try to find out the existing strengths, the potential and the positive aspects of mobile internet access and usage for children and youths.

The Appreciative Inquiry Session will involve all participants. It will follow a multi-perspective approach to identify the potential of intelligent risk management in a mobile environment, envisioning how parents can fulfil their duty of parenting while at the same time respecting the rights of the child.

Agenda

Five-minute statements

1. Dr. Claudia Lampert, Hans-Bredow-Institut: **What is the status quo of children's and youths' mobile Internet usage?** Findings from current research
2. Yuliya Morenets (TaC) / Mr Jaroslaw Ponder, Strategy and Policy Advisor (ITU) and remote panellists Amelia Gowa and Carla Licciardello – International Multilateral Partnership Against Cyber Threats (IMPACT): **What are the most relevant threats to children's and youths' safety?**
Findings from the field
3. Lennart Nickel, Luca Troncone, Germany klicksafe Youth Panel: **The perspective of youths – how do they cope with challenges and threats?**
4. Abhilash Nair, Senior Lecturer in Law, Northumbria University: **What is the legal background to ensure children's and youths' privacy in a mobile online environment?** Findings from research
5. Clemens Gruber, SIP Benchmark III: **What role can parental control tools play on mobile devices?**
6. Myla Pilao, TrendMicro: **Remarks from a vendor of parental control tools**
7. Marco Pancini, Google: **What does industry do?**

Appreciative Inquiry Session

Discussion of the panellists with the plenary in four steps, 10 min. each

1. **Appreciating, valuing the best of what is** – In the first step we will deal with the following questions and draw a positive picture: What is best of the current situation, what benefit does mobile internet usage provide?
2. **Envisioning, what might be** – In the second step we have a close look into the future discovering the challenges and positive impact of the developments regards future mobile technology and Internet services in view of parents' duties and children's rights.
3. **Engaging in dialogue about what should be** – In the third step we will engage the participants in a dialogue about the potential intelligent risk management for children and youth in a mobile environment.
4. **Innovating, what will be** – In the fourth step we will envision the future of responsible parenting in the light of respect for the rights of the child in a mobile environment.

Wrap-Up and conclusions

Jutta Croll is Managing Director of the German Centre for Child Protection on the Internet (Zentrum für Kinderschutz im Internet – I-KiZ). I-KiZ is a federal-level forum for child and youth policy that places child protection on the Internet in the foreground. It creates a lasting alliance between state agencies, civil society partners, companies, and associations.

Jutta Croll ist chair of the board of Stiftung Digitale Chancen, an NGO under the auspices of the German Federal Ministry of Economics and technology and the Federal Ministry of Family Affairs. From 2002 bis 2014 she was Managing Director of the foundation.

Jutta Croll holds a university degree in political science, media science and German literature. She has done research in national and European projects concerning the use of digital media, youth protection and digital literacy, she is a member of several steering groups and advisory boards of European and national projects and works also in close co-operation with UNESCO, the European Commission and the Council of Europe.



Dr. Claudia Lampert is a senior researcher at the Hans Bredow Institute in Hamburg (Germany) with research interests in media socialisation, media-education and media literacy.

She is currently working on the role of digital media in the everyday lives of children and adolescents. She is member of the network "eukidsonline " and also partner in the project "net children go mobile".



Abhilash Nair

Abhilash's principal research area is internet law, with specific reference to illegal and criminal content on the internet and children's rights. Abhilash's current research focuses on the issue of regulating Internet pornography generally, and the protection of children in this context. This involves two related, but distinct, areas of study: 1/ the recent shift of focus of regulation from the publisher/distributor of content to the end user through the introduction of various possession offences for pornography, and 2/ the rights of children to be protected from exposure to pornography and other inappropriate content on the Internet and combating child abuse images internationally. He is currently working on a monograph titled 'Regulation of Internet Pornography: Issues and Challenges', which is expected to be published by Routledge in 2015. He has also researched other associated areas within Internet law, including online gambling regulation from a child and young people protection perspective, copyright on the internet, and child safety and privacy on social media and networking sites. Abhilash has published widely on internet law and regulation and is a regular speaker at international conferences. He serves on the editorial board of leading international law journals: European Journal of Law and Technology (Co-editor), The International Review of Law, Computers and Technology (Deputy Editor), and the Web Journal of Current Legal Issues (Associate editor).

Lennart Nickel

My name is Lennart Nickel and i`m at the 11th grade of Carl-Bosch-Gymnasium in Ludwigshafen(Germany). I am 16 years old and in my free time I do much sport, play an instrument and meet friends. For nearly all these activities the internet can be used. For me, it is a technological achievement with unlimited possibilities which has a fixed place in my daily life in areas like social communication, provision of information and leisure activities. It is irreplaceable in the todays life ,but every user should know about dangers and problems incoming with it. There are already many projects to inform the people, but there are still aspects who should get better published like the use of the internet by younger generations. For them the internet is developing to a more and more increasing part of their youth and this development will defnately progress. On their own they aren`t able to realize the risks, so they are dependend on the help of older people who know how to deal with the dangers and make the children get on with them.



Myla V. Pilao
Director, Core Technology Marketing
Trend Micro, Inc.

Myla leads security research communications at TrendLabs, Trend Micro's Research and Development Center. She heads the division of the company that monitors the security threat landscape, including high-profile attacks like advanced persistent threats (APTs) and prevalent Internet security threats. She oversees a team that monitors and manages critical incidents and developments in the threat landscape. She supervises the development of global materials supporting communication plans to broaden understanding on the threat landscape and security information.

She has spoken for a wide range of audiences delivering awareness and insights on digital threats and its impact on the computing public and countermeasure strategies.

Myla is also an active supporter and advocate of Internet Safety for Kids and Families, a Trend Micro global CSR. She also works with other international organizations as resource to help facilitate reforms to combat the growing online risks and threats to kids .

Myla holds a Master's Degree in Business Administration from the National University in Singapore. She earned her Bachelor's Degree in Arts and Letters, major in Communication Arts, from the University of Santo Tomas.



Luca Troncione

My name is Luca Troncione and I currently attend the Carl-Bosch-Gymnasium in Ludwigshafen (Germany). I am 17 years old and in the 11th class so of course the internet plays an important role when I get for example information to do my homework. I usually use the internet as an endless source of information but while I am working with it I never forget that these different types of information are neither evaluated nor proved if they're true. The internet is a virtual place that stands for unlimited possibilities for everyone so every user should always consider if he trusts other users and he should always think over what he is doing because the internet never forgets.





Different Sorting and Browsing Options

Ranking for age-group Up to twelve years

Click on a column header to sort the ranking list accordingly. You can click also on a tool's name to get the complete data sheet for this particular tool.

Scores range from 0 to 4, with 4 points standing for excellent and 0 points standing for poor.

Show list for age-group thirteen years and older in a new window

Tool name	Effectiveness	Usability	Security	Price (€)
F-Secure Mobile Security	1.5	2.7	1	19.95
iOS Parental Controls (Mobile)	1.4	2.4	1	Free
K9 Web Protection Browser (Mobile)	1.1	1.7	1	Free
Kaspersky iOS Safe Browser	1.6	2.1	0	Free
Mobicip Safe Browser	1.1	1.7	1	Free
Mobiflock	0.3	2.1	0	Free
Mobile Parental Filter	1.2	2.2	4	9.99
Net Nanny for Android	0.7	2.7	4	Free
Norton Online Family (Mobile)	1.5	2.7	0	29.99
Safe Browser	0.6	2.3	1	Free

Start new selection | Change main selection | Change additional features

Previously tested tools that match your criteria

Funded by European Commission

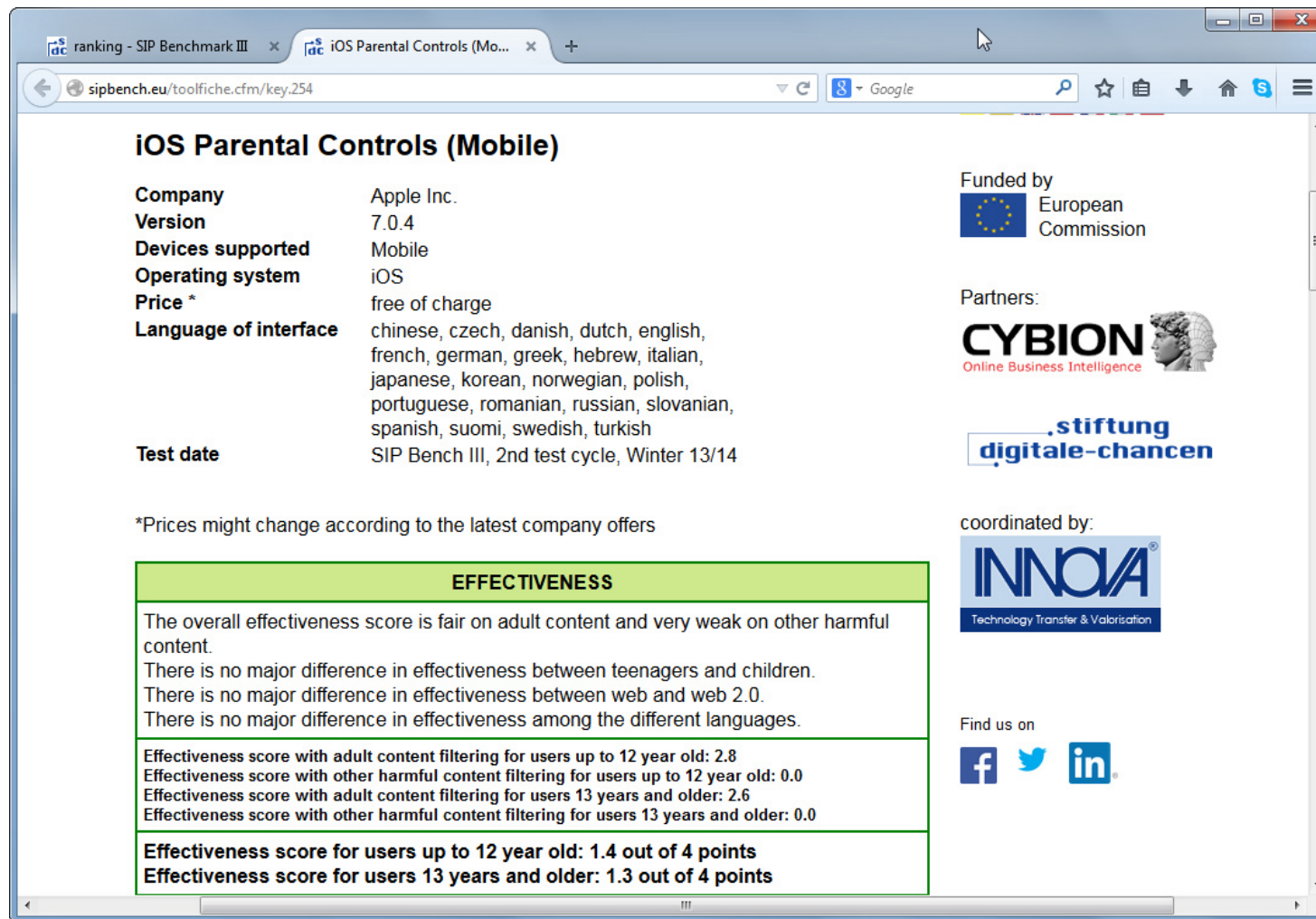
Partners: CYBION Online Business Intelligence

coordinated by: INNOVA Technology Transfer & Valorisation

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Tool Fiches



ranking - SIP Benchmark III x iOS Parental Controls (Mo... x +

sipbench.eu/toolfiche.cfm/key.254

iOS Parental Controls (Mobile)

Company	Apple Inc.
Version	7.0.4
Devices supported	Mobile
Operating system	iOS
Price *	free of charge
Language of interface	chinese, czech, danish, dutch, english, french, german, greek, hebrew, italian, japanese, korean, norwegian, polish, portuguese, romanian, russian, slovanian, spanish, suomi, swedish, turkish
Test date	SIP Bench III, 2nd test cycle, Winter 13/14


*Prices might change according to the latest company offers


EFFECTIVENESS

The overall effectiveness score is fair on adult content and very weak on other harmful content.
There is no major difference in effectiveness between teenagers and children.
There is no major difference in effectiveness between web and web 2.0.
There is no major difference in effectiveness among the different languages.

Effectiveness score with adult content filtering for users up to 12 year old: 2.8
Effectiveness score with other harmful content filtering for users up to 12 year old: 0.0
Effectiveness score with adult content filtering for users 13 years and older: 2.6
Effectiveness score with other harmful content filtering for users 13 years and older: 0.0




Effectiveness score for users up to 12 year old: 1.4 out of 4 points
Effectiveness score for users 13 years and older: 1.3 out of 4 points

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CYBION
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digitale-chancen

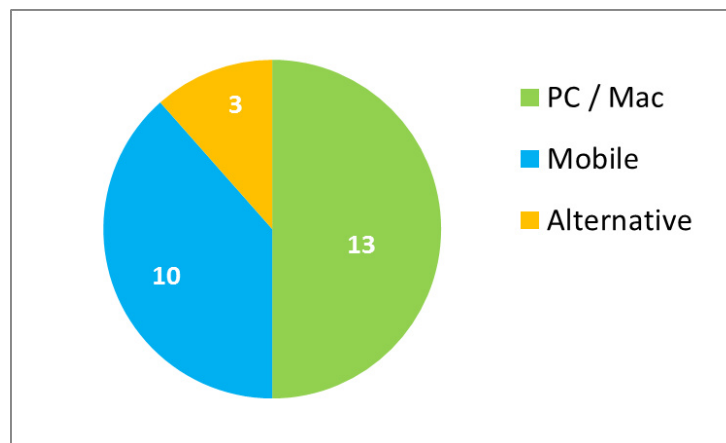
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Technology Transfer & Valorisation

Find us on
  



Tools for

- PC / Mac
- Mobile Devices
- „Alternative Tools“
(whitelist only)





Mobile vs. PC / Mac tools

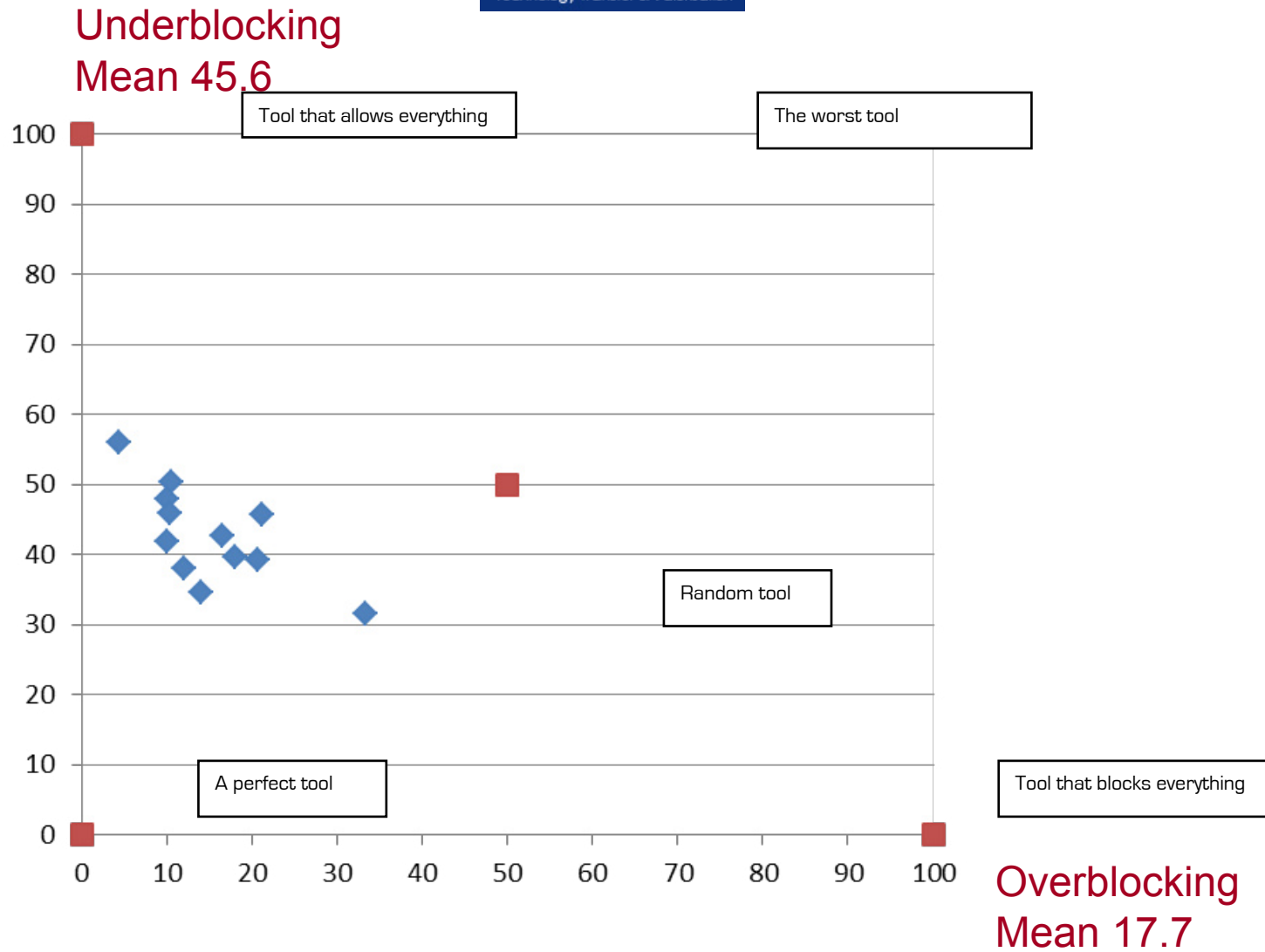
	Mobile tools	PC / Mac tools
Effectiveness*	1.1	1.2
Security	1.3	2.0
Usability	2.2	2.6
Functionality	25 %	43 %

* for age group ≤ 12 years



Effectiveness Over- and Underblocking

- Overblocking occurs when the tool blocks non-harmful content.
% dropped “good” content
- Underblocking occurs when the tool allows harmful content.
% missed “bad” content





Effectiveness Over- and Underblocking

Topic	Adult content		Violence and Crime		Racist		Drugs
	Overblocking	Underblocking	Overblocking	Underblocking	Overblocking	Underblocking	Overblocking
F-SECURE MOBILE SECURITY	14	16	10	61	13	75	10
IOS PARENTAL CONTROLS	26	18	13	89	12	77	14
K9 WEB PROTECTION BROWSER	13	28	9	85	11	73	8
KASPERSKY IOS SAFE BROWSER	65	10	40	60	42	75	61
MOBICIP SAFE BROWSER	10	25	7	74	9	69	11
MOBIFLOCK	14	59	9	67	11	59	8
MOBILE PARENTAL FILTER	9	28	14	50	13	69	19
NET NANNY FOR ANDROID	15	38	9	80	12	77	40
NORTON ONLINE FAMILY	15	16	6	86	7	84	6
SAFEBROWSER	25	38	11	63	9	75	16

Violence and Crime	Drugs & Self-Damage		Gambling	
	Overblocking	Underblocking	Overblocking	Underblocking
Underblo				
61	10	56	10	48
89	14	72	17	65
85	8	59	8	50
60	61	30	90	13
74	11	64	17	53
67	8	71	8	74
50	19	60	22	50
80	40	54	35	49
86	6	86	4	90
63	16	66	12	70

”, SIP-Bench III



Effectiveness

- adult content is better filtered than content of other categories
- lower effectiveness for Web 2.0 content
- filter working better for English content than content in other languages



SIP-BENCH III

Safer Internet Programme
Empowering and protecting children online

Find YOUR Tool!

Start SIP-Bench Project Find the right tool Recommendations Previous results

For parents

How to use parental control tools? Recommendations for parents

If you are a parent or you work with children, this information is crucial for protecting children in the Internet. Recommendations below are based on the findings from previous editions of the study (SIP BENCH II). They will be continuously updated with each benchmarking cycle.

General recommendations

- Remember that parental control tools are only a partial solution. The filtering process is still not effective enough. Therefore, in addition to using the tool, you should remember about the importance of direct communication with your children.

Monitoring and Surveillance

- Some tools can monitor users' activities in a very detailed way which could violate children's privacy rights. Therefore, always discuss with your children what kind of filter you set up and why.

Blocking pages

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Study on "Benchmarking of parental control tools for the online protection of children", SIP-Bench III

Intelligent Risk management in a Mobile Environment

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Appreciating, valuing the best of what is

In the first step we will deal with the following questions and draw a positive picture: What is best of the current situation, what benefit does mobile internet usage provide?



Envisioning, what might be

In the second step we have a close look into the future discovering the challenges and positive impact of the developments regards future mobile technology and Internet services in view of parents' duties and children's rights.



Engaging in dialogue about what should be

In the third step we will engage the participants in a dialogue about the potential intelligent risk management for children and youth in a mobile environment.



Innovating, what will be

In the fourth step we will envision the future of responsible parenting in the light of respect for the rights of the child in a mobile environment

PRESSEMITTEILUNG

klicksafe unterstützt Internet Governance Forum in Istanbul

Jugendliche beteiligen sich an internationalem Expertenforum zur Gestaltung des Internets

Berlin/Istanbul, 3. September 2014. Über zweitausend internationale Akteure aus Politik, Wirtschaft und Zivilgesellschaft beraten sich diese Woche auf dem IGF in Istanbul, dem „Internet Governance Forum“, über die künftige Gestaltung des Internets. Auch das deutsche klicksafe Youth Panel ist bei dem Diskussionsforum rund um Internetthemen vertreten. In dem Workshop „Intelligent Risk Management in a Mobile Environment“, den das Zentrum für Kinderschutz im Internet (i-KiZ), Google sowie klicksafe organisieren, diskutieren sie gemeinsam mit internationalen Akteuren über die Welt des mobilen Internets unter dem Gesichtspunkt des Risikomanagements.

Das jährlich stattfindende IGF gehört zu den wichtigsten Internetdialogen auf internationaler Ebene. Zu den Teilnehmern zählen Interessensvertreter diverser Staaten und Nicht-Regierungsorganisationen sowie Akteure aus Wirtschaft und Zivilgesellschaft. In diesem Jahr sind zudem auch jugendliche Experten des deutschen klicksafe Youth Panels bei dem Forum vertreten. In dem international besetzten Workshop berichten sie über ihre eigenen Erfahrungen und diskutieren mit Internetexperten über Möglichkeiten, die Welt des mobilen Internets möglichst risikofrei zu gestalten. Mit ihrem Vortrag „The perspective of youths – how do they cope with challenges and threats?“ („Die Sicht der Jugendlichen – wie sie mit Herausforderungen und Gefahren umgehen“) bringen die jungen Sprecher so eine jugendliche Perspektive in die internationale Diskussion rund um die künftige Gestaltung des Internets.

„Jugendliche Akteure sind bei den internationalen Diskussionen über die zukünftige Gestaltung und Steuerung des Netzes unverzichtbar“, betont klicksafe-Sprecher Dr. Joachim Kind. „Das Internet Governance Forum (IGF) ist für das klicksafe Youth Panel daher eine entscheidende Plattform der Mitwirkung.“ Die EU-Initiative klicksafe hat das Youth Panel im Jahr 2009 eingerichtet. 15- bis 17-jährige Jugendliche erarbeiten in verschiedenen Arbeitsgruppen Themen rund ums Netz vor dem Hintergrund ihrer eigenen Erfahrungen. Zum einen bietet das Youth Panel klicksafe so die Möglichkeit in Erfahrung zu bringen, welche internetspezifischen Themen Jugendliche aktuell beschäftigen, welche Gefährdungspotentiale sie sehen und welche Probleme sie selbst als tatsächliches Problem bewerten. Die Ergebnisse fließen in die Erarbeitung von Unterrichts- und Informationsmaterialien ein. Darüber hinaus werden die Teilnehmer des Youth Panels geschult, um an ihren Schulen als Medienscouts tätig werden zu können.

„Im Rahmen des internationalen Erfahrungsaustausches beim IGF zu weltweit vernetzten Internetthemen ist es von Bedeutung, die europäische Sicht auf Themen wie Medien- und Internetkompetenz vorzustellen, zu diskutieren, in den Blick zu rücken“, sagte Kind weiter, der Mitglied der offiziellen EU-/Insafe-Delegation ist. „Daher ist es wichtig, dass wir mit Workshops, mit unserem Youth Panel, mit eigenen

Beiträgen und einem Informationsstand mit dem ‚Better Internet for Kids‘-Programm der Europäischen Union auf dem IGF vertreten sind.“

Die Einberufung des IGF wurde im Jahr 2006 vom damaligen UN-Generalsekretär Kofi Annan bekanntgegeben. Das neunte IGF findet vom 2. bis zum 5. September in Istanbul statt. Klicksafe nimmt als Teil des europäischen Netzwerks INSAFE bereits seit mehreren Jahren am IGF teil.

klicksafe (www.klicksafe.de) ist eine Initiative im Safer Internet Programm der Europäischen Union für mehr Sicherheit im Internet. klicksafe wird gemeinsam von der Landeszentrale für Medien und Kommunikation (LMK) Rheinland-Pfalz (Koordination) und der Landesanstalt für Medien Nordrhein-Westfalen (LfM) umgesetzt.

klicksafe ist Teil des Verbundes der deutschen Partner im Safer Internet Programm der Europäischen Union. Diesem gehören neben klicksafe die Internet-Hotlines internet-beschwerdestelle.de (durchgeführt von eco und FSM) und jugendschutz.net sowie die Nummer gegen Kummer (Helpline) an.

Nähere Informationen

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