hoc·lab
hypermedia open center

EBA CONFERENCE
27TH / JUNE / 2017

European EBA Badge Alliance

BADGES IN OTHER FIELDS

Politecnico di Milano

Hypermedia Open Center Laboratory - POLIMI

Hoc Lab

is an multidisciplinary lab at the Department of Electronics and Information of Politecnico di Milano (Italy), specialized in:

- MULTIMEDIA
- MULTICHANNEL COMMUNICATION
- DIGITAL STOY TELLING FOR SCHOOLS
- E-LEARNING ABOUT TECHNOLOGY IN EDUCATION (Master Dol)

Our activities

- We work on Teaching methodology research which includes use of digital technology, on Teacher Training and we supply training courses for Teachers:
- Master on-line, DOL - POLIMI
- Policultura
- Polireading
- Tavolo «cantiere scuola digitale» del Forum Pubblica Amministrazione

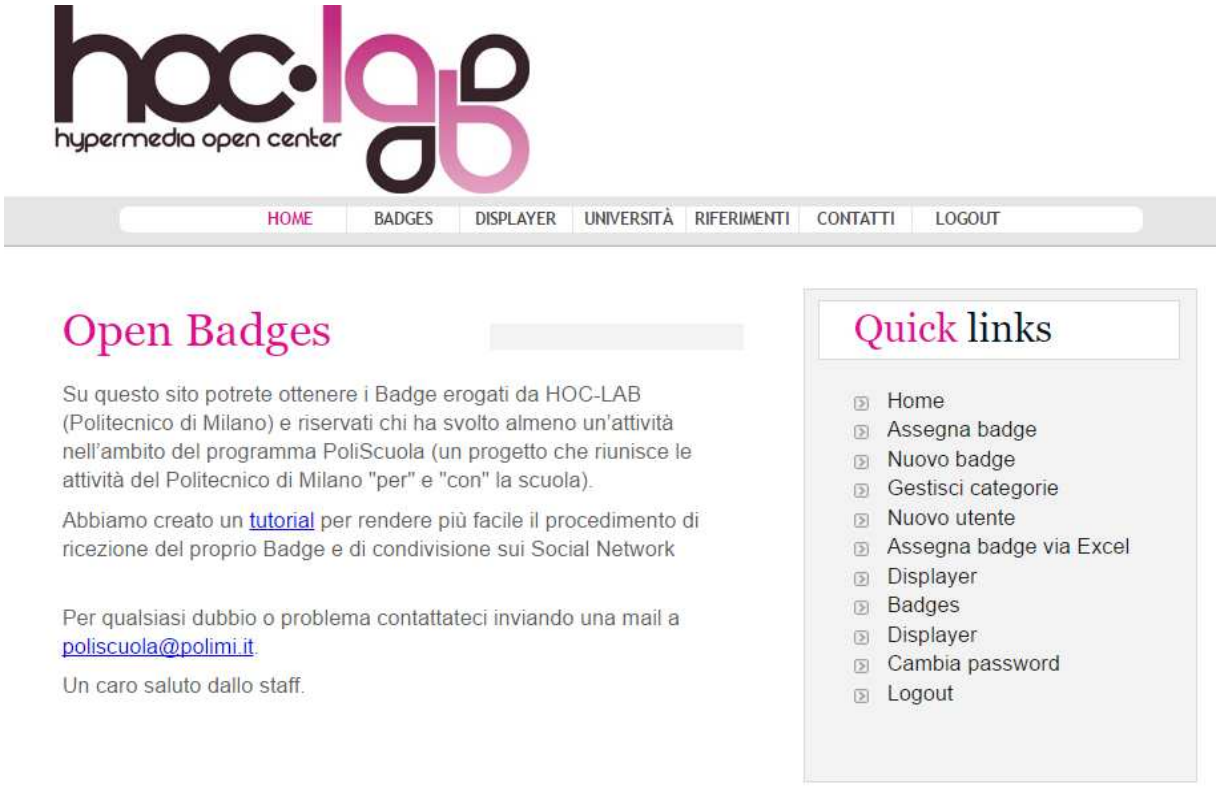
The PoliScuola Badges

- Digital badges can make it easier to give recognition to your skills and achievements combining together formal, non-formal and informal education, vocational training, job and educational experiences, off and online.

- HOC-LAB of Politecnico di Milano has undertaken the creation of a “badges ecosystem” and has launched the PoliScuola Badges for teachers and students who have taken part in any of HOC’s projects, courses or competitions in previous years and from now on.

2013 – Hoc Lab started to supply Badges in FORMAL EDUCATION FIELD

http://hoc12.elet.polimi.it/openbadges/index.php



Hoc Lab Open Badges for Teachers

- Teachers attending our Digital story telling annual competition (Policultura)
- Teachers attending and finalizing our MOOCs courses, DOL Master

HOC-LAB has issued more than 6,000 badges,

to teachers of all school grades

And for students as well....

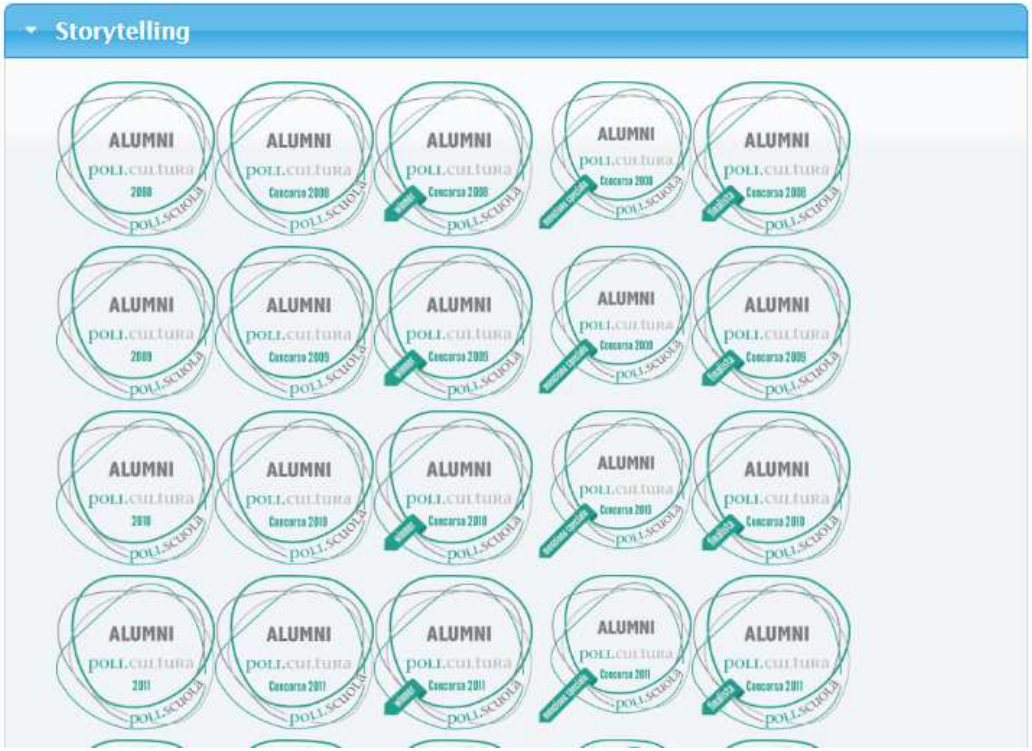
- In addition, 300 students' badges were issued as an experimentation during a digital storytelling initiative (Policultura): the badges were issued "through" the teachers, i.e. after their approval.

We developed our own open badge system, in cooperation with Mozilla BackPack

The Mozilla Backpack is a place to store your collections of Open Badges. The Backpack allows earners to import badges and manage them in groups, choosing whether each group is public or not. You can access the Mozilla Backpack Web front-end at: http://backpack.openbadges.org

What kind of badges do we supply?
Open BADGES ON EDUCATION

Open BADGES ON DIGITAL STORYTELLING



Survey on teacher's experience on open badges:

15 questions were administered to 195 teachers. They were all participants to educational initiatives by HOC-LAB at Politecnico di Milano (http://hoc.elet.polimi.it).

- 2.6% of the teachers were from pre-school;
- 28.2% from primary school;
- 20.5% from middle school
- 47.7% from high-school (1% undefined level).

Let's read some of their comments…

Use of badges is important for SELF-MOTIVATION:

- “it could be a way to valorize the competences of temporary workers”
- “it could be a way to acknowledge some activities that currently teachers do for free”
- “in my opinion, they would act as motivators for teachers to gain new competences and skills”
- “they could be a motivator for teachers to train themselves and keep up-to-date in their subjects”

Use of badges is important for KEEPING ON TRAINING YOURSELF:

- “a life-long learning attitude would help teachers keep updated and better prepared to meet the students’ needs”
- “the school must have the courage to go beyond its closed and protected environment”

What about use of badges among high-school students?

- “in my school, students who help during the open day currently just get a better score on their behavior”
- “it would be a way to valorize ALL the students and motivate the laggards”
- “I would take them into account, especially in the case of difficult students, for various reasons, where every positive element must be considered”

Our conclusions:

1. Badges in education could be seen as a powerful strategy to put together, in a single “innovation eco-system” (Cantoni et al., 2006), formal education, informal education, non-formal education, learning experiences, online education, project-based learning, etc.

Our conclusions:

2. In Italy, where the school system is, generally speaking, not much flexible, badges could have a disrupting effect and “break the school’s boundaries”.

Our conclusions:

3. The results from the survey show that teachers, though not much confident about an acknowledgement from their official “environment”, would be ready for this revolution, especially at high-school level.

thank you
danke
謝謝
ngiyabonga
teşekkür ederim
gracias
merci
obrigado
dziękuję
bedankt
спасибо
Баярлалаа
рахмат
dank je
mochchakkeram
go raibh maith agat
sukriya
kop khun krap
terima kasih
grazie
arigatô
dakujem
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감사합니다
ありがとう
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