



University of
Zurich ^{UZH}

Information Technology / Multimedia & E-Learning Services

Successful universities using e-learning tools: From blended to distance learning

Dr. Eva Seiler Schiedt
University of Zurich
Switzerland



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THE CONTINUUM OF BLENDED LEARNING

TEACHERS' PERSPECTIVE

LEARNERS' PERSPECTIVE

**A FOCUS ON DISTANCE TEACHING AND
LEARNING**



Blended Learning – somewhere in between





Definitions of blended learning

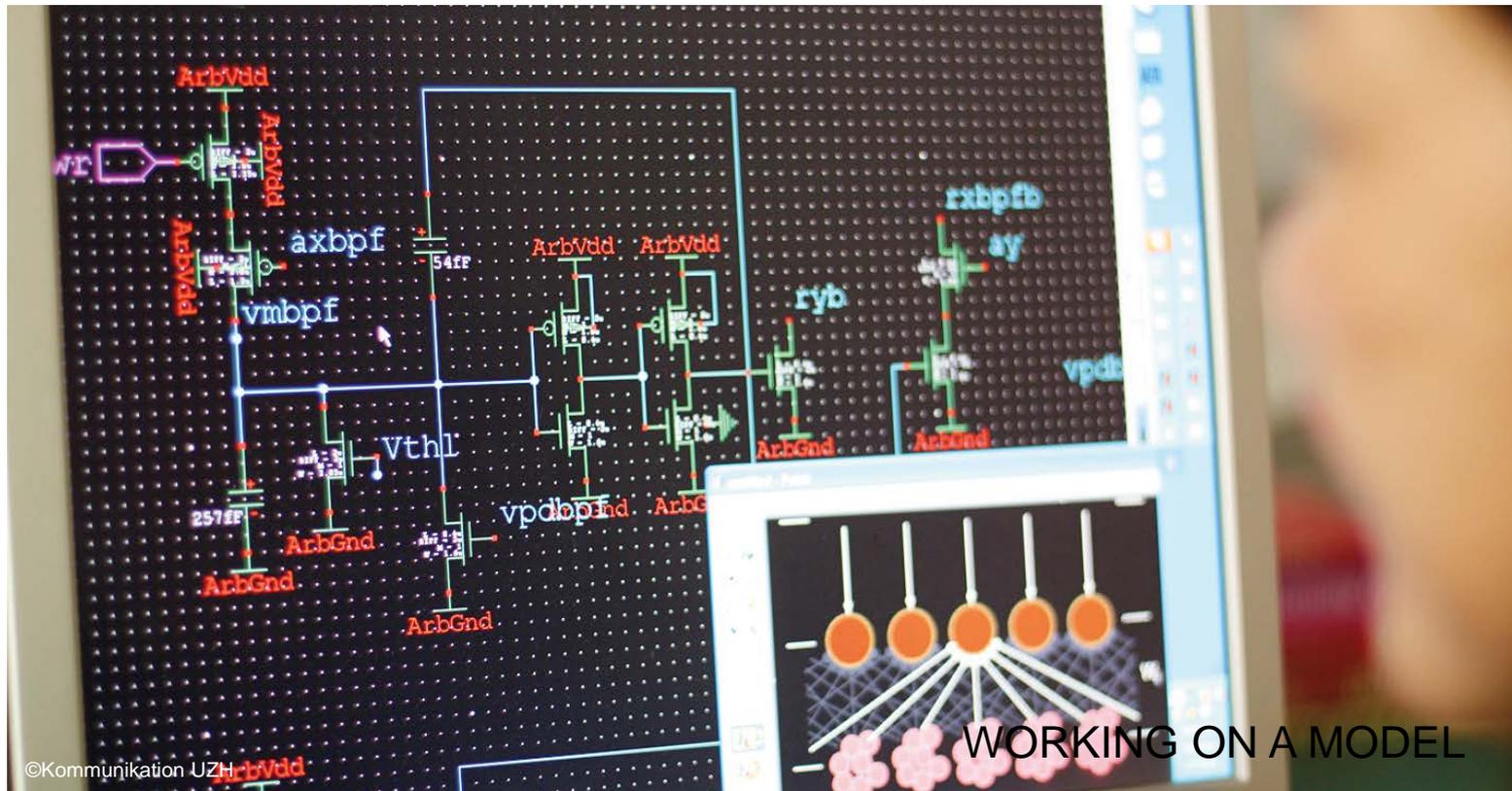
The screenshot shows the Online Learning Consortium (OLC) website. At the top is the OLC logo and navigation links: HOME, ATTEND, LEARN, READ, CONSULT, JOIN OLC, CONNECT, ABOUT. Below the navigation is a breadcrumb trail: Home » Connect » Blog » Blog » Updated E-Learning Definitions. The main content area features a blue banner with the text "OLC's eLearning Landscape" and a sub-header "OLC Insights" with a fountain pen icon. Below this is a blog post titled "Updated E-Learning Definitions" by Sandra Coswatte, dated September 18, 2014. A large blue callout box contains the quote: «The Sloan Consortium defined hybrid courses as those that integrate online with traditional, face to face class activities in a planned, pedagogically valuable manner».



Classroom presentation on campus



Off or on campus – working with a model



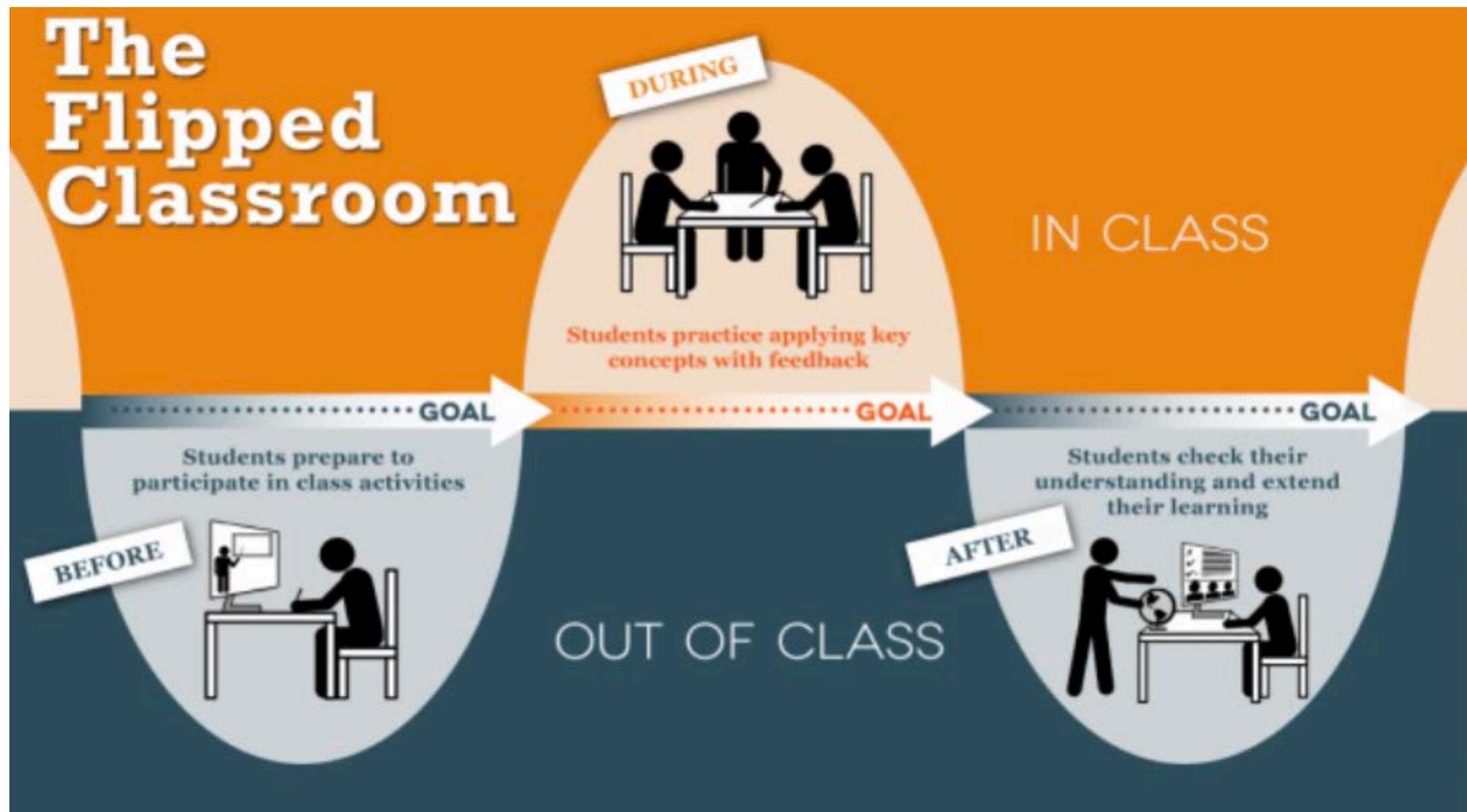


On Campus - Where is the Blend?





Flipped Classroom model



© University of Texas at Austin



Learn more about blended learning, for example with the MOOC BlendedX on edX platform

edX Courses ▾ Programs ▾ Schools & Partners About ▾ Search: [] Sign In Register

Home > All Subjects > Education & Teacher Training > Blended Learning with edX

Blended Learning with edX

Explore ways to blend educational technology with traditional classroom learning to improve educational outcomes. Perfect for instructors or institutional leadership interested in creating blended learning experiences with edX.

Self-Paced

Enroll Now

I would like to receive email from edX and learn about other offerings related to Blended Learning with edX.

MOOC on edX Platform www.edx.org

«BlendedX - Blended Learning with edX»

Time commitment: 3 – 4 hours of study

<https://www.edx.org/course/blended-learning-edx-edx-blendedx-1>



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Digitalization of the academic workplace drives teaching innovation

The professor – a researcher, a manager, and a teacher.

Working locally on campus, off campus, nationally and internationally.

In research and office, for working and networking, the use of digital media is a basic activity of academics.

The professors' digital literacy enables innovation in teaching.

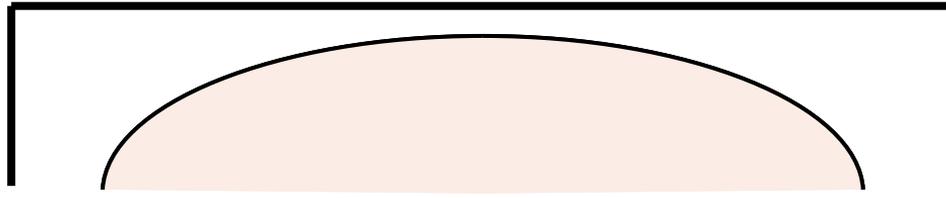
«What are my challenges in teaching that digital media will master?»

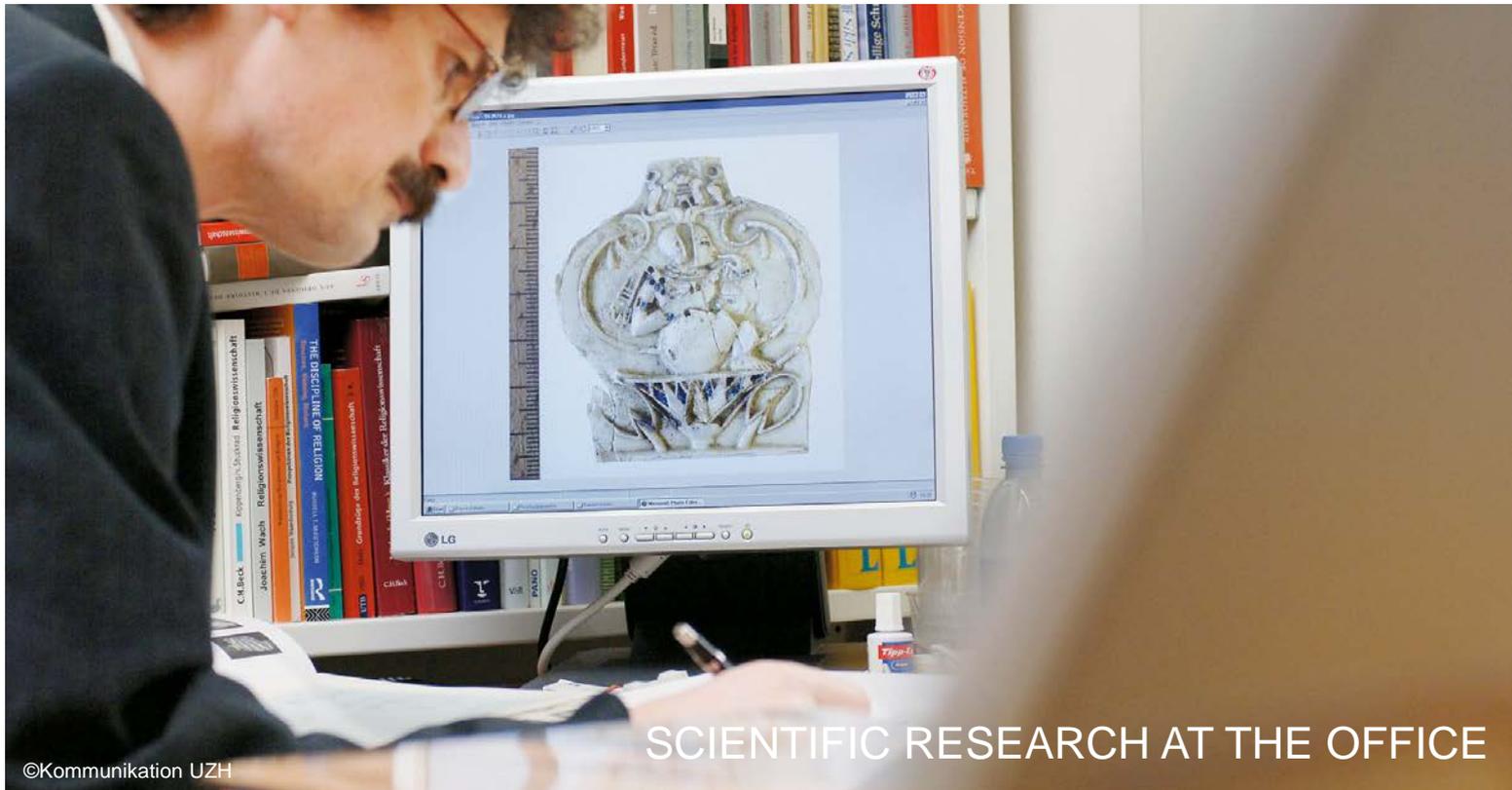


Content for online courses: Adapting digital objects from research for teaching

RESEARCH

TEACHING









E.g., digital images

In medicine, research and clinical activities strongly rely on images – images also serve as teaching material for medical students

Medizinische Bildgebung

24.07.2013

Neuartiger Hightech-Tomograf für Forschung und Klinik

Die UZH und das Universitätsspital Zürich beschaffen einen topmodernen integrierten PET-/MR-Scanner – einen der weltweit ersten dieser Art. Er soll in der Onkologie, der Neurologie und der Herzdiagnostik eingesetzt werden. Prorektor Daniel Wyler und Professor Gustav von Schulthess, Leiter Medizinbereich «Bildgebende Verfahren», erläutern im Interview, was der neue Scanner leistet.

Marita Fuchs



Sind davon überzeugt, dass der neue PET-/MR-Scanner den Forschungsstandort Zürich voranbringt: Prof. Gustav v. Schulthess (links) und Prorektor Daniel Wyler (rechts). (Bild: Marita Fuchs)



Social interactions – on campus





Off Campus: Mobile Learning





Social interactions, discussion forums, organization of peer activities, online coaching, ...





MOOCs for online teachers

coursera Catalog Search catalog Institutions Log In Sign Up

Share f t g+ e

About This Specialization

Courses

Creators

FAQs

Virtual Teacher Specialization

Enroll
Starts Oct 31

Financial Aid is available for learners who cannot afford the fee. [Learn more and apply.](#)

About This Specialization

This series of courses provides best practices for online instruction, student engagement and virtual community building; effective uses of asynchronous and synchronous technologies, social media and other emerging technologies; and data analysis techniques and student performance measurements to individualize instruction in an online or blended environment. The courses in this Specialization may be taken in any order. Each course can be taken independently. The Specialization concludes with a final project that will give you the opportunity to integrate and apply the skills you have gained throughout the courses.

5 MOOCs in a series («specialization»), University of California, Irvine (UCI)
<https://www.coursera.org/specializations/virtual-teacher>



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On Campus, On Line



ONLINE AND ON CAMPUS: BLENDED LEARNING

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Virtual learning environment provides the online-learning-«home»

Hilfe Deutsch

OLAT - Online Learning and Training

Steht Dir das Wasser bis zum Hals?

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Mo-Fr von 20 bis 24 Uhr:
☎ unter 044 633 77 77
✉ unter www.nightline.ch

Von Studierenden für Studierende!

Anmeldung via AAI Login mit OLAT Konto Gastzugang

OLAT Anmeldung

Bitte wählen Sie Ihre Hochschule.

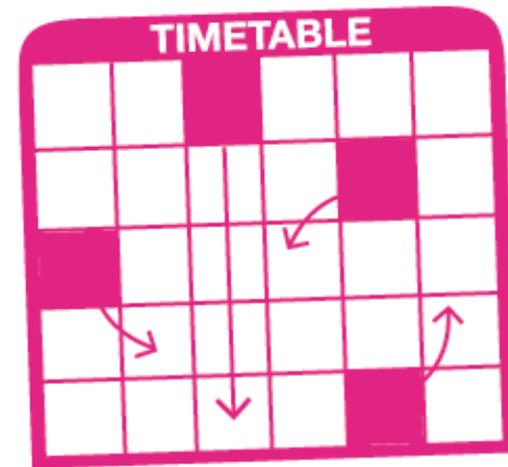


Online courses: More flexible than campus classes

Flexible Study

Aspects of flexibility in time

- Access learning materials whenever needed
- Learning at own pace
- Self assessment
- Repetition as often as required



Schedule



Mobile learning

Aspects of flexibility in space

- Access to learning resources everywhere
- Learning on and off campus
- Learning with mobile devices
- Interaction with remote people





Online self assessment: Example from University of Freiburg (Germany)

Deutsch English Español Français Italiano

UNI FREIBURG

Student Portal
University of Freiburg

You are here: Home > Orientieren > Online Studienwahl Assistenten ...

Online Studienwahl Assistenten (OSA)

Unsicher bei der Studienfachwahl?
Mit OSA die Studienwahl überprüfen!

Kontakt
Projektteam
Online Studienwahl Assistenten (OSA)
Albert-Ludwigs-Universität
Freiburg
Service Center Studium
Sedanstr. 6
79098 Freiburg
osa@zv.uni-freiburg.de

Sie wollen herausfinden ob ein bestimmtes Studienfach wirklich zu Ihnen passt?
Sie möchten prüfen, ob Ihre Vorstellungen von Ihrem Studienfach der Realität entsprechen?
Sie möchten ein anerkanntes Studienorientierungsverfahren absolvieren?



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Distribution platforms: LMS

Provide templates for
content delivery in
didactical form, as courses

e.g., MOODLE, OLAT





From blended through distance with LMS

LMS for simple to complex e-learning scenarios

- SIMPLE to facilitate teaching organization, enrichment of on campus teaching with digital media, e.g. distribution of reading lists, presentations and slides etc.
- MORE ADVANCED TEACHING AND LEARNING SCENARIOS with online communication, online working group collaboration, discussion forum, assignments, tests etc.
- COMPLEX SCENARIOS with distance teaching elements, replacing parts of on campus teaching by online self study and online communication, also MOOC Style Online Courses.



Distribution platforms: Distance learning with MOOCs

- In a flipped classroom model
- As a preparatory course for an on campus course
- As an additional learning resource for self organized learning
- As basis for an on campus test
- ...

The screenshot shows the Coursera interface for a course titled "Spacebooks. An Introduction To Extraterrestrial Literature" offered by the University of Zurich. The page includes a search bar, navigation links for "Edit Course Description", "Edit Session Descriptions", and "Edit Session Materials". A video player for the "Intro Video" is visible. The "About the Course" section discusses the history of space exploration and literature. The "Sessions" section shows the course duration from October 1, 2015, to December 1, 2015, with a "Go to Course" button. The "Eligible for" section lists "Statement of Accomplishment". The "Course at a Glance" section indicates 8 weeks of study, 5-6 hours/week, and English language. The "Instructors" section lists Philipp Thaisohn, Krystina Schaub, and Julia Salome Nauer. The "Categories" section lists "Humanities".



Distribution platforms: Online conferencing tools

Synchronous distance learning with webinar

- Video-conference with internet browser, webcam, microphone
- Interactive, web based seminar
- Optional with live chat

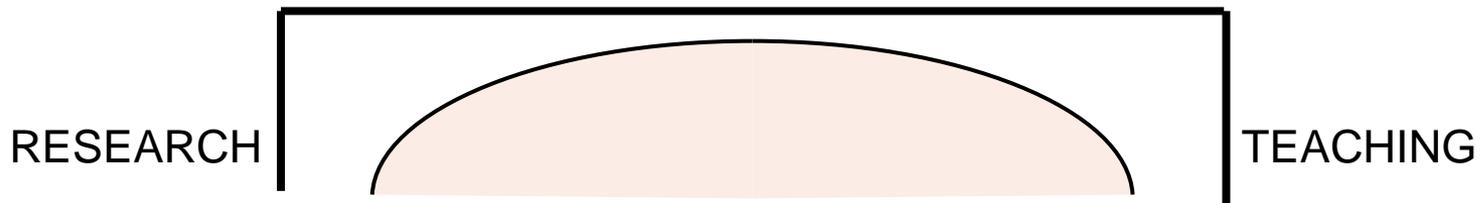




Content creation: Digital objects from research to teaching (and back)

Digital Objects in Research

Digital Objects in Learning Environments



Digital texts, videos, images

Models, visualisations

Online resources for research, libraries

Scientific data

Open Access repositories

Science blogs, ...

Courses in learning management systems

MOOCs, Open Courseware

Digital assignments, e-assessment

Virtual labs, simulations

E-portfolios

Instructional video, social media, ...



Content creation: lecture recording

USZ

Channels

Search

Sign in

International Symposium on Clinical Models in Integrative Medicine

UniversitätsSpital Zürich

Author: Prof. Dr. Claudia Witt

2 videos, 0 views, 4:11:39 combined playback time
Imported from SWITCHcast

Most recent on top Oldest on top Alphabetically Thumbnails List





Content for online courses: OER, a shortcut? <https://www.merlot.org/merlot/index.htm>



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ADD TO COLLECTION



Content from online digital multimedia archives

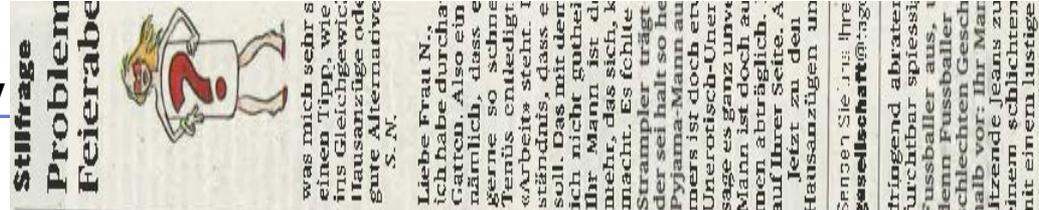
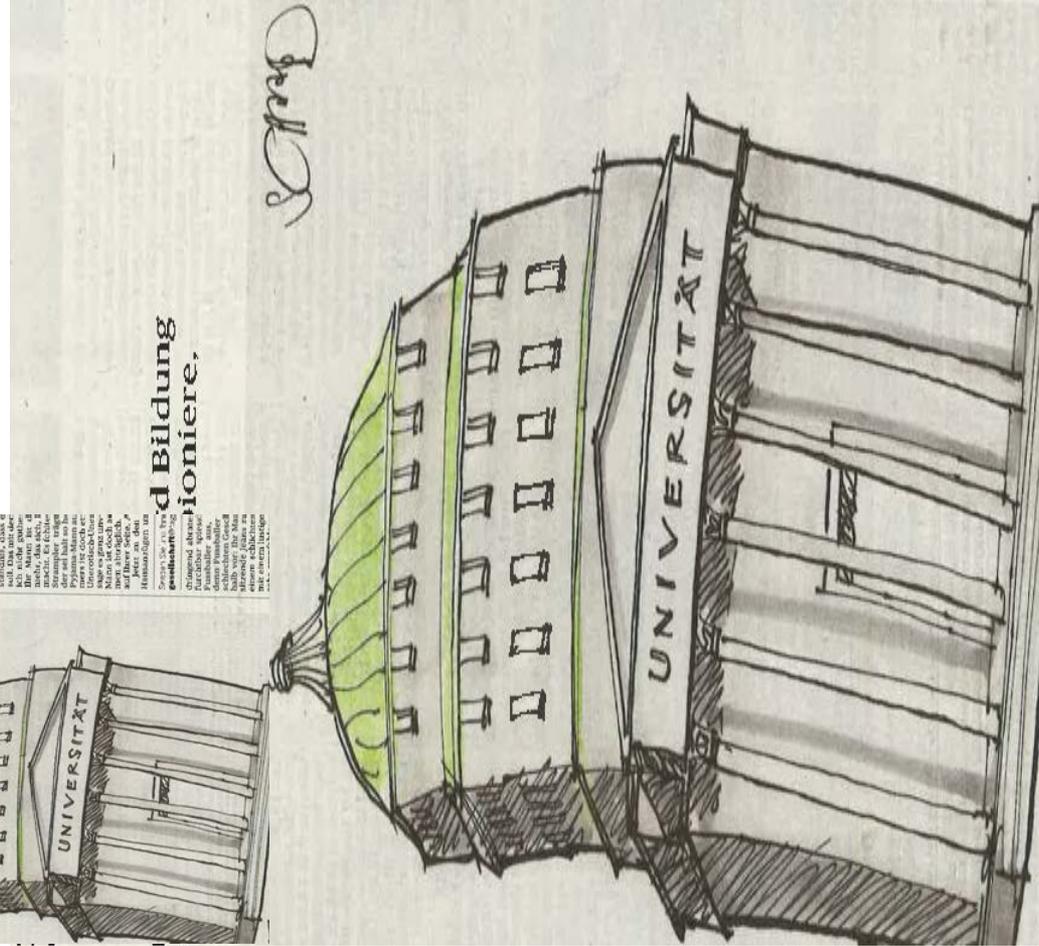
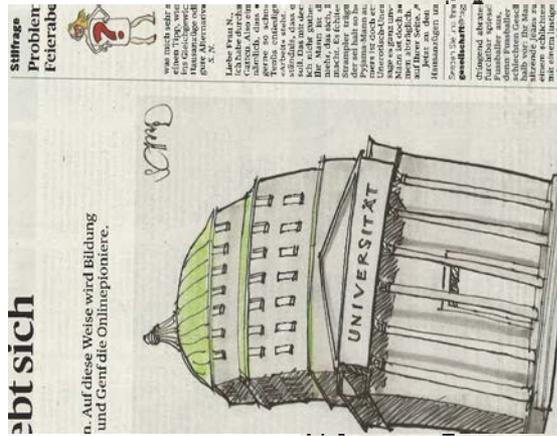
Multimedial, digitalized archive materials available for reseach, teching and learning, example of British Telecom online archive

Source: BBC News

The screenshot shows a BBC News article from July 27, 2013. The article title is "BT online archive: Talking to each other through the ages". The main content features two side-by-side images of handwritten telegrams. The left telegram is dated "29/7" and is addressed to "The Secy of the Post Office London". The right telegram is dated "19th" and discusses the inventor of the telephone. Below the images is a caption: "An online archive of Britain's communications history has been compiled by Coventry University, BT and the National Archive and is full of historical treasures. A year after inventing the telephone, Alexander Graham Bell's agent wrote to the Post Office in September 1877, asking to demonstrate the device to the British government. The reply was less than enthusiastic. 'The possible use of the telephone appears to me even more limited than I at first supposed it,' was the reply." At the bottom of the screenshot, there is a navigation bar with "Image 1 of 10", "START SLIDESHOW", and "HIDE CAPTIONS".



28. Mai 2013
© Tages-Anzeiger, Felix Schaad





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University of Zurich
IT / Multimedia & E-Learning Services
Stampfenbachstrasse 73
CH-8006 Zurich
eva.seiler@id.uzh.ch
<http://www.id.uzh.ch/home/es.html>

