Management of Self Evaluation Sessions for ATS and NTC

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EChemTest

EchemTest® is a set of several thousand Questions and Answers (Q&A) associated with the different levels of chemistry knowledge as singled out in the ECTN (http://ectn-assoc.cpe.fr/echemtest/default.htm) core chemistry European Syllabus.

EchemTest® is the reference e-learning product of the Association and its libraries are regularly used for Academic purposes (guidance of students' curricula, evaluation of students' preparation, assignment of ECTS credits, etc.) by some of the ECTN member Institutions to the end of carrying out Self Evaluation Sessions (SES)s for school, EuroBachelor® and Euromaster® students.

At national level the EchemTest® project is presently articulated into 11 National Test Centres (NTC)s accredited by the VEC SC. The NTCs handle (either directly or through third parties) the accreditation of the ATSs (Accredited Test Site)s, the translation from English into national language and maintenance of the Q&A libraries, the management of the network of national ATSs, the development of national metrics and production of local statistics, the national advertisement and communication.

At local level the EchemTest® project is presently articulated into 15 ATSs, accredited by the related NTCs. The ATSs handle (either directly or through third parties) the secure delivering of SESs, the production of related reporting, local advertisement and communication.

NTC: National Test Center

- Italy (Perugia) ——— C. Manuali & N. Faginas-Lago
- Slovenia (Ljubljana) ———
- Spain (Madrid) ——— A. Lainez
- Poland (Krakow) ——— K. Szczeponek
- France (Lyon) ———
- Greece (Thessaloniki) ——— E. Koliarmou, I. Kozaris
- Finland (helsinki) ——— K. Wahala
- Austria (Vienna) ——— P. Gardner, H. Krebbs
- Hungary (Budapest) ———
- Netherlands (Amsterdam) ——— N. Brower
- Russia (Kazan) ——— B. Vagapov
- U.K (Reading) ? ———

ATS: Accredited Test Site

- Italy
    - Milan ——— M. Ceotto ats.milano.it training
    - Genoa ——— M. Rui
    - Naples ——— R. Tesser
    - Rome ——— E. Bodo
    - Bari ——— F. Mavelli
    - Perugia ——— R. Selvaggi

Session Administration and Scheduling

- Session:
  - Selection of one (or more) assessment(s)
  - Selection of the participant, or group of participants to which the assessment will be delivered
  - Decision on the number of attempts authorized
  - Schedule for delivery
    - Starting: date and hour
    - Ending: date and hour
    - Assessment renaming option
    - Monitoring options

Structure of the Tests

Session of Test

- One hour session
- Composed by up to 30 questions

Topic

- According to the **Chemistry Core Curriculum**
- Agreed at the European level

Question

- 1 question = 1 specific topic
- Taken at random from a bank of topics

Difficulty

- Increasing throughout the test
- **Introductory, Intermediate, Advanced**

Grade of Difficulty

Following the various "Taxonomy approaches" we identified 3 grades of difficulty for our CBT

- Grade 1 "**Introductory**"
  Memory, Basic Concepts, "by heart" Knowledge

- Grade 2 "**Intermediate**"
  Logical thinking, Basic Application of the Knowledge

- Grade 3 "**Advanced**"
  Complex Problem, Problem Solving, Interaction

Demo Test: Definition

- Static sample session extracted once at random

- Called "demo" or "training test": taken prior taking any of the certification test session

- Full set of 21 European Languages
  transfer to the Internet in progress

  ⇒ Freely accessible online after registration

EChemTest / ECTN Testing Centres

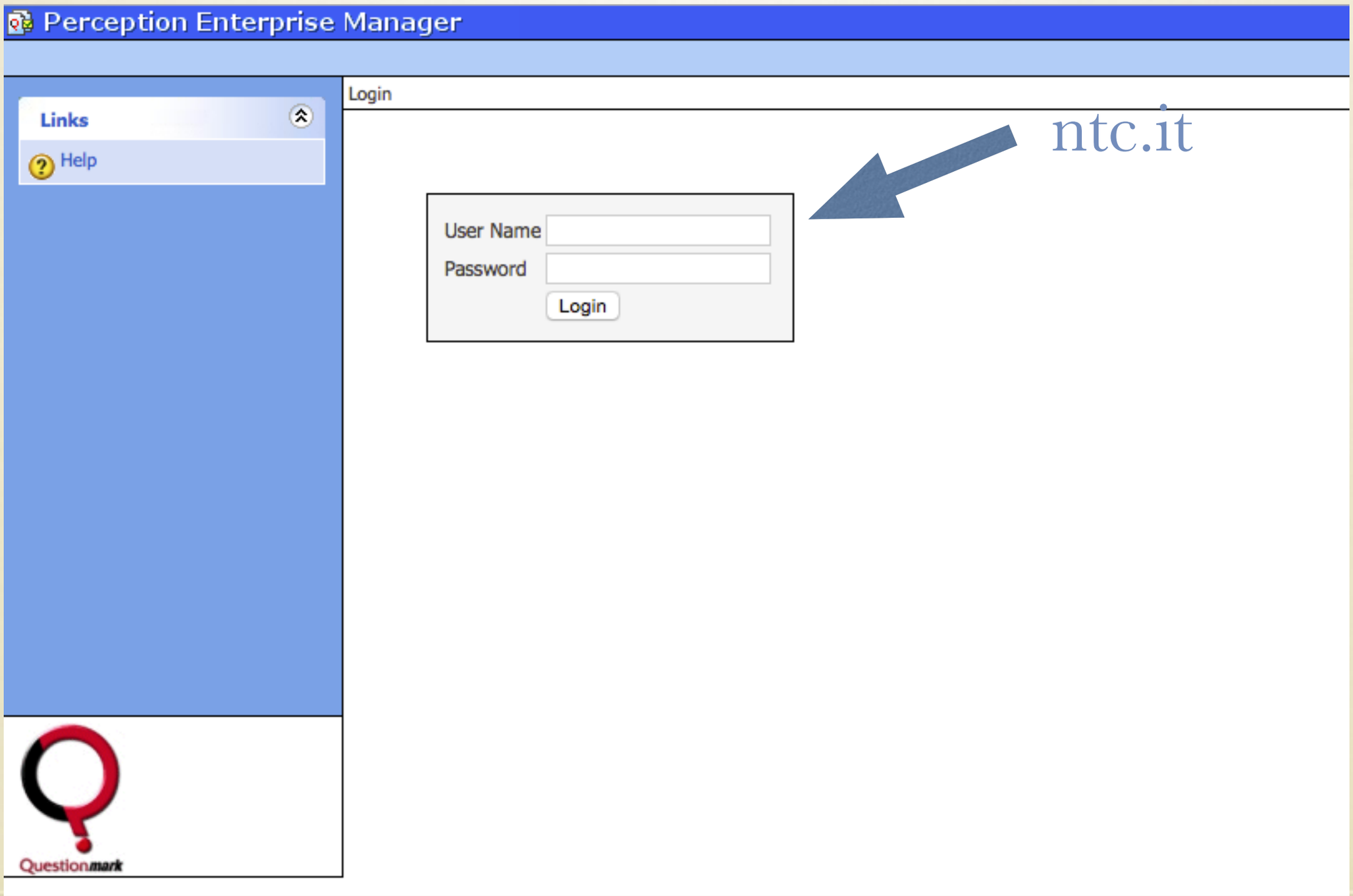
- Global organization and Administrators

Testing centres

- The EChemTest sessions are delegated to EChemTest centers officially recognized by the ECTN Association.
- The EChemTest Center (full Association members at this stage) has to fulfil pre-requisites related to :
  - Context and Logistic (computer room, maintenance, …)
  - Examination conditions (secure network, band width, …)
  - Examination procedure (monitoring, ID control, …).
- Responsibility of the Testing Centres
  - Ensure that the technical conditions requirement are set
  - Guarantee the session processing
  - Vital in case of certification test or official academic sessions

Administration of Tests

http://echem.unipg.it/em4/main.aspx?module=LOGIN



NTC.IT

Perception Enterprise Manager

Logo

Authoring Administration Reporter Results Help

Home

Questionmark

Current User
ntc.it

System Administration
View and create participants, groups, schedules and administrators.
Manage and configure Perception Server.

Enterprise Reporter
Run Perception's powerful reporting system to see scores, answers and statistics.

Results Manager
Grade essays and edit and remove results.

Options

Change My Password

Perception Enterprise Manager

Home Administration Reporter Results Help

Home > Administration > Groups

Group

New Group

New Subgroup

Delete

Edit

Schedule

Show Participants

Find Group

Filter On

- it-ba
- it-demo
- it-ge
- it-mi
- it-na
- it-new
- it-pg
- it-rm
- it-test
- ntc-it

Perception Enterprise Manager

Home Administration Reporter Results Help

Links

Home

Help

Logout

Home > Administration > Groups > Edit Group

Edit Group

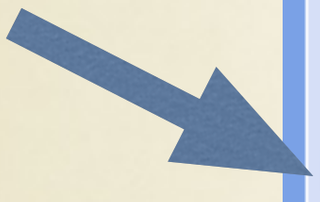
Group Name: it-pg

Group Description

80 Participants in group

320 Schedules

Save Cancel



Perception Enterprise Manager

Home Administration Reporter Results Help

Home > Administration > Groups

Group

- New Group
- New Subgroup
- Delete
- Edit
- Schedule
- Show Participants

Find Group

- Filter On

Records Per Page

Records Per Page 25

Links

- Home
- Help
- Logout

- it-ba
- it-demo
- it-ge
- it-mi
- it-na
- it-new
- it-pg
- it-rm
- it-test
- ntc-it

Questionmark

Current User
ntc.it

Perception Enterprise Manager

Home Administration Reporter Results Help

Links

Home
Help
Logout

Current User
ntc.it

Questionmark

Home > Administration > Schedules > Groups > Schedule Management

Options | Assessments | Schedule | Groups

- (•) Schedule for **Web Delivery**
- ( ) Schedule for **Questionmark to Go**
- ( ) Participant selects **Questionmark to Go or Web Delivery**
- ( ) Schedule for **Delivery at Test Center**

Test center

Next >>

Finish Cancel

www.echemtest.net

Perception Enterprise Manager

Home Administration Reporter Results Help

Links

Home

Help

Logout

Home > Administration > Schedules > Groups > Schedule Management

Options | Assessments | Schedule | Groups

Add Assessments | Remove | Remove All

Questionmark

Current User
ntc.it

<< Back | Next >>

echem.unipg.it

Browse (1) assessment folders

Assessment Folders
- echem_assessment
  - General Chemistry 1gr IYC
  - General Chemistry 1gr v321
  - General Chemistry 2gr IYC
  - General Chemistry gr
  - V4Assessments

Select from (268) assessments in the current folder

Search

A Tech Demo presenting Question's Types
Austria - Allgemeine Chemie 1 v400 IYC
Austria - Allgemeine Chemie 1 v402 IYC
Austria - Allgemeine Chemie 2 v402 IYC
Cultural Heritage 4 Master Course
Demo Bulgarian GC1 v400bg
Demo Bulgarian GC2 v400bg
Demo Bulgarian IC3 v400bg
Demo Bulgarian PC3 v400bg
Demo English AC3 v400en
Demo English AC3 v402en web
Demo English BC3 v401en
Demo English CE3 v400en random
Demo English GC1 v400en
Demo English GC1 v401en web
Demo English GC2 v400en
Demo English GC2 v401en web
Demo English IC3 v400en
Demo English OC3 v400en
Demo English PC3 v400en
Demo Finnish GC1 v400fi
Demo Finnish GC2 v400fi
Demo Finnish PC3 v400fi

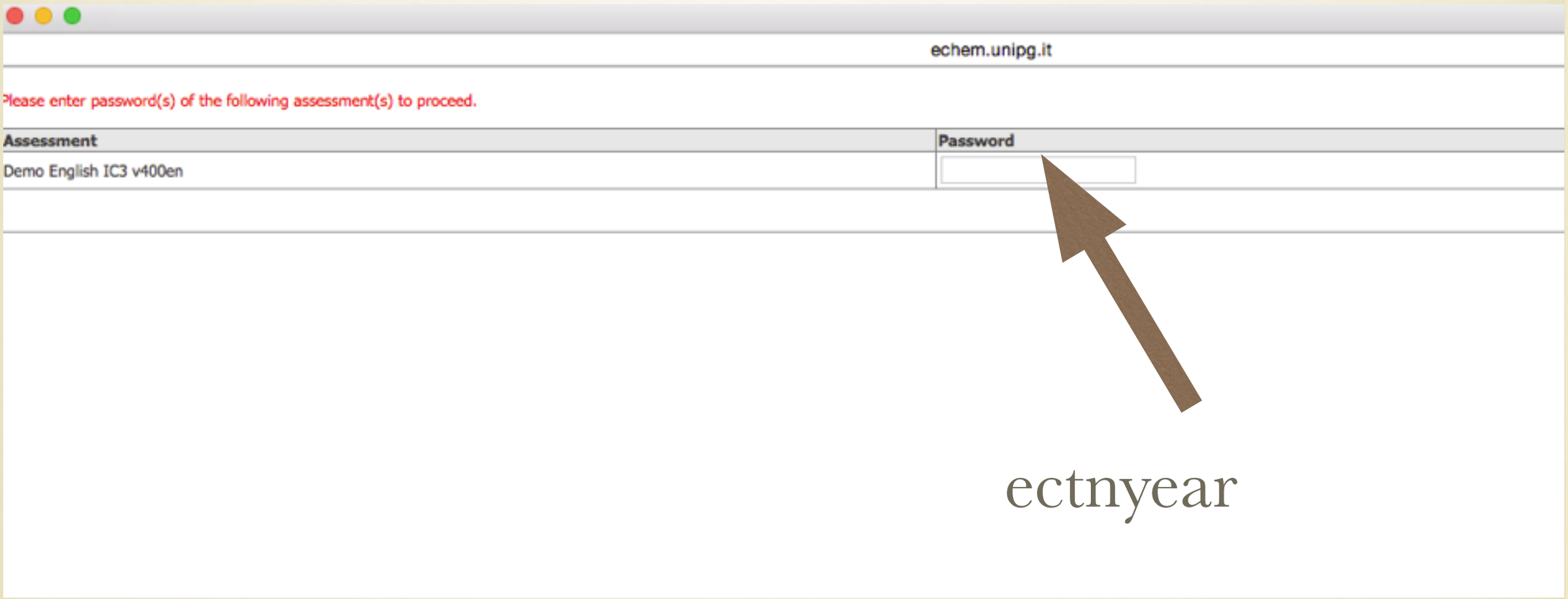
Add | Add All

Preview your selected assessments

You currently have (0) assessment(s) s

Remove | Remo

Done | C



ectnyear go to http://ectn-assoc.cpe.fr/echemtest/xwg/wgid_index.htm

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Inorganic Chemistry 3 WG

updated: 12-06-2013 23:23

Working Group : Tests Status : Database Details : Activity Reports : Public Webpage

Working Group

Position	First Name Last Name, University	Email address
Leader **Deputy** **IT**	**Gino Paolucci**, Un. Ca' Foscari Venezia, IT **David Cardin**, Un. Reading, UK **Marina Rui**, Un. Genova, Italy	wg.ic3@echemtest.eu
Group Members	**Jan Reedijk**, Un. Leiden, NL	
	Gabriella Borzone, Un. Genova, IT	
	Isabel del Hierro, Un. Rey Juan Carlos Madrid, ES	
	Peter Weinberger, Tech. Un. Wien, AT	
	Anna M. Trzeciak, Un. of Wroclaw, PL	

Tests online

Tests	Public Release	W. G. Release	Draft
Demo v4	Bulgarian (130303), English (110203), French (110201), German (110201), Hungarian (130323), Italian (110203), Polish (110403), Slovenian (120205), [illegible]nish (110203)		
Demo v3	*Bulga[illegible]ech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Lithuanian, Norwegian, Polish, Portuguese, Romanian, Slovak, Slovenian, Spanish, Swedish*		
Random v4	En[illegible] (110330) [illegible] (130612)		
Random v3	*E[illegible]h*	*German*	*Italian**
Topics v4			

Database Details

Data yy/mm/dd

Perception Enterprise Manager

Home Administration Reporter Results Help

Links

Home

Help

Logout

Home > Administration > Schedules > Groups > Schedule Management

Options | Assessments | Schedule | Groups

Groups **Selected**

Group	Group description
it-test	

Questionmark

Current User
ntc.it

<< Back

Perception Enterprise Manager

Authoring Administration Reporter Results Help

Home > Administration

Questionmark

Current User
ntc.it

Participants

View, create, manage and schedule participants (test-takers).

Groups

View, create, manage and schedule groups - which are used to define the way access works for participants and administrators.

Schedules

View and manage schedules - which assign participants or groups to assessments.

Reporting and Analysis

www.echemtest.net

Home > Reporter

Perception Enterprise Manager

Logout Help

Authoring Administration Reporter Results Help

Home > Reporter

Questionmark

Current User
ntc.it

Assessment Overview Report
See an overview of results for one or more assessments.

Export to ASCII
Export results to comma separated ASCII for download to a spreadsheet or statistics package.

Grade Book Report
See a table of participants and assessments showing scores achieved.

Question Statistics Report
See question analysis from a testing perspective, including statistics.

Survey Report
See question analysis from a survey perspective, including frequency graphs of answers.

Export for Excel
See a list of results for a single assessment in the Excel spreadsheet format

Coaching Report
See detailed results for one participant taking one assessment.

Gap Report
Compare two sets of results and show the difference between them.

Item Analysis Report
See question analysis calculated according to classical test theory, for use by professional test analysts.

Score List Report
See a list of results for a single assessment.

Transcript Report
See a list of results for a single participant.

Test Analysis Report
See test analysis statistics including reliability of t… …r use by professional test analysts.

Report Manager
Design your own report templates and manage existing ones.

Perception Enterprise Manager

Home Administration Reporter Results Help

Home > Reporter > Coaching Report > My Reports

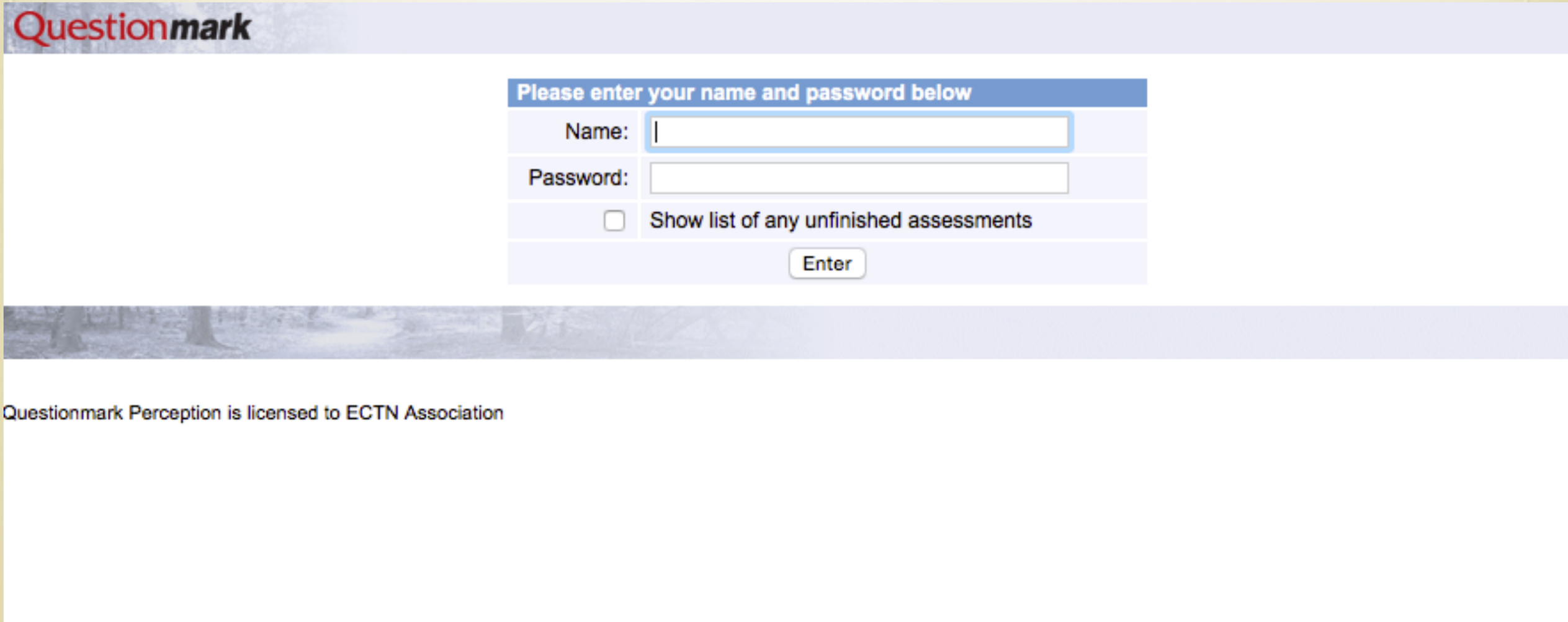
Distribute

- Browser (HTML)
- Printer Friendly (HTML)
- Email (HTML)
- Excel
- Word
- PDF

Options

- Create New
- View and Edit
- Edit Filters
- Delete
- Rename

Report	Assessment	Last run	Last edited
AC3_genova_2014		May 27 2014	May 27 2014
OC3_genova_2014		May 27 2014	May 27 2014
random_GC2_it_genova_2014		Mar 24 2015	May 27 2014
Random_PC3_genova_2014		May 27 2014	May 27 2014

Students : Theory

http://echem.unipg.it/q4/perception.dll?