



Handbook

Course admin edition



Version 1.0 (draft) — 21 August 2026

EthelExam is the platform course staff use to view, score, and finalize AI-scored exams, and students use to view their results and raise objections ("vetoes"). It is part of the [Ethel](#) project at [ETH Zürich](#). The reference instance, serving ETH Zürich courses, runs at exam.ethel.ethz.ch.

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The service behind EthelExam

EthelExam is the visible end of a service that accompanies the whole examination process. The Ethel team supports course teams in designing the exam and its rubrics so they work well with AI scoring, assists with scanning the completed exams, runs the AI scoring of every problem part, and imports and provisions the results in EthelExam — where course staff verify the scores and students view their results and submit vetoes. Manual scoring is needed only where a veto asks for it, and the examiner always retains final grade authority.

This service is developed in the [exam-grading-assistance project](#) STIFT+, funded by the Rector's Impulse Fund 2026 ([project description, PDF](#)): an initiative to keep open-ended, handwritten STEM exams viable at scale by combining multimodal AI scoring with human oversight. Participating courses receive central support for assessment design, scanning, AI integration, and data handling. Participation is an R&D collaboration between the course team and the Ethel team.

Audience: course admins (faculty running an exam).

This edition contains the shared chapters and the guide for your role. Read *Key concepts* and *Getting started* first.

Part	For
Key concepts	everyone
Getting started	everyone
Course admin guide	faculty running an exam
Troubleshooting	everyone
Glossary	everyone

Getting help

EthelExam is run by the [Ethel team](#), the group that operates the platform and provides support. Whenever this handbook says to contact the Ethel team, write to:

ethel@sl.ethz.ch

Include the exam (course code and term), the problem part if one is affected, what you expected, what you saw instead, and roughly when it happened. The team also appreciates hearing your feedback. Questions about a score itself are a matter for the course, not the Ethel team.

Conventions

- **Bold** marks something you can see or press in the app (a button, a page name, a field label) and, sparingly, a fact worth remembering.
- *Italics* mark defined terms (see the glossary at the end), references to other chapters, and occasional emphasis.

All names, exams, and documents shown in screenshots are synthetic example data.

About this document

Version	Date	Changes
1.0 (draft)	21 August 2026	First edition. 20260822-041925-b6b27b7f

Provided by the [Ethel team](#), [ETH Zürich](#).

Key concepts

This chapter explains the vocabulary and the scoring model that everything else in EthelExam builds on. It is short. Read it once and the rest of the handbook will make much more sense.

How an exam is structured

An *exam* in EthelExam is one course's examination in one term, for example *Physics I*, *PHYS-101*, *FS 2026*.

Inside an exam:

- A *problem* is a top-level exercise ("Problem 1 — Rolling sphere").
- A *problem part* is one sub-question of a problem ("1.a — Speed at the bottom of the incline"). The problem part is the unit everything else attaches to: documents, scores, and vetoes all live on problem parts, never on the exam as a whole.
- Each student who took the exam has an *exam instance*: their personal copy of the exam, with one row per problem part.

For each problem part a student answered, EthelExam stores the scanned *document* with that answer (a PDF). It is shown right next to the scores, so the score can always be checked against the actual work. Parts without an answer are marked absent.

Rubrics and scores

Every problem part has a *rubric*: a list of criteria, each worth a number of points. A score in EthelExam is not a single number. It is one value per rubric criterion, and the total follows from them.

Scores come from two sources:

- *AI scored*: the initial scores from the Ethel team's AI scoring, imported into EthelExam. Every problem part of every student starts in this state.
- *Manually scored*: a member of course staff has entered scores by hand; this always starts from a veto (see *Vetoes*). Manual scores replace the AI scores as the current result.

During normal scoring in EthelExam, score changes are never destructive: every scoring action is recorded, and course admins can inspect the full score history of any problem part.

Vetoes

A *veto* is an objection against the current score of one problem part: "please look at this again". Vetoes drive the whole scoring workflow.

- A student can veto their own problem part while the veto period is active. A veto is final: it cannot be withdrawn, and each problem part can only ever be vetoed once.
- A course admin can veto any problem part that has not already been vetoed or manually scored. They can do this for a single part, for a whole student, or for one problem part across all students.
- A veto stays open until someone from course staff enters a manual score for that problem part. Entering the score is what closes the veto. There is no separate "accept" or "reject" step.

- Once a problem part has been manually scored, it can never be vetoed again. Its score can still be corrected by staff, but the veto path for that part is closed for good.

Periods

Two time windows, set by the course admin, control what students can do:

- *Viewing period*: while it is active, students can open their exam and see their documents and scores. Outside it, students see a notice instead.
- *Veto period*: while it is active, students can submit vetoes. The veto period always lies inside the viewing period.

There is no separate "publish results" step. As soon as the viewing period is active, students see the current scores of their problem parts, except parts with an open veto, whose scores stay hidden until they are scored again.

Roles and what each one sees

Access is per exam: the same person can be a course admin in one exam, a TA in another, and a student in a third. Within one exam:

What you can do	Course admin	TA	Student
See student names and Legi	yes	no — pseudonymous labels	own data only
See students' documents	all	all, without names	own only
See AI scores	always, including history	never	own, when the viewing period is active and the part has no open veto
See manual scores	always, including history	on manually scored parts	own, under the same conditions
Enter scores	on vetoed or manually scored parts	on vetoed or manually scored parts	never
Create vetoes	any eligible part, including in bulk	no	own parts, during the veto period
Edit periods	yes	no	no
See scoring notes	all	only on parts they can score	never

Three of these rules are worth explaining:

- **TAs never see student identities.** In veto scoring, students appear to TAs as neutral per-part identifiers (*student labels*) such as "0BASP"; the whole-exam view shows no identifier at all.
- **Identifiers change from problem part to problem part.** A label identifies a student only within one problem part. TAs can still open a student's whole exam — answers sometimes continue on or refer to other problem parts — but each answer is scored on its own, without a persistent identity attached.

- **TAs score blind.** On a part with an open veto, a TA sees zeroed rubric values, and on an untouched AI-scored part a TA sees no scores at all. A TA only ever sees real scores on parts that have been manually scored. This too is deliberate: the person scoring a disputed part should judge the work fresh, not be anchored by the number being disputed.

Scoring notes

A *scoring note* is a private staff notepad on one problem part of one student, for example "partial credit discussed with lecturer, see 3.c". Notes are visible to course staff only, never to students. Course admins see every note including who wrote it; TAs can only read and write notes on parts they are allowed to score, and see notes without author names.

What course staff cannot do in the app

Importing exam data, resetting an exam, and managing who is enrolled are operational tasks performed by the Ethel team on request. They are not self-service functions in the web interface. If data looks wrong or missing, contact the Ethel team (see *Getting help*) rather than looking for an import button.

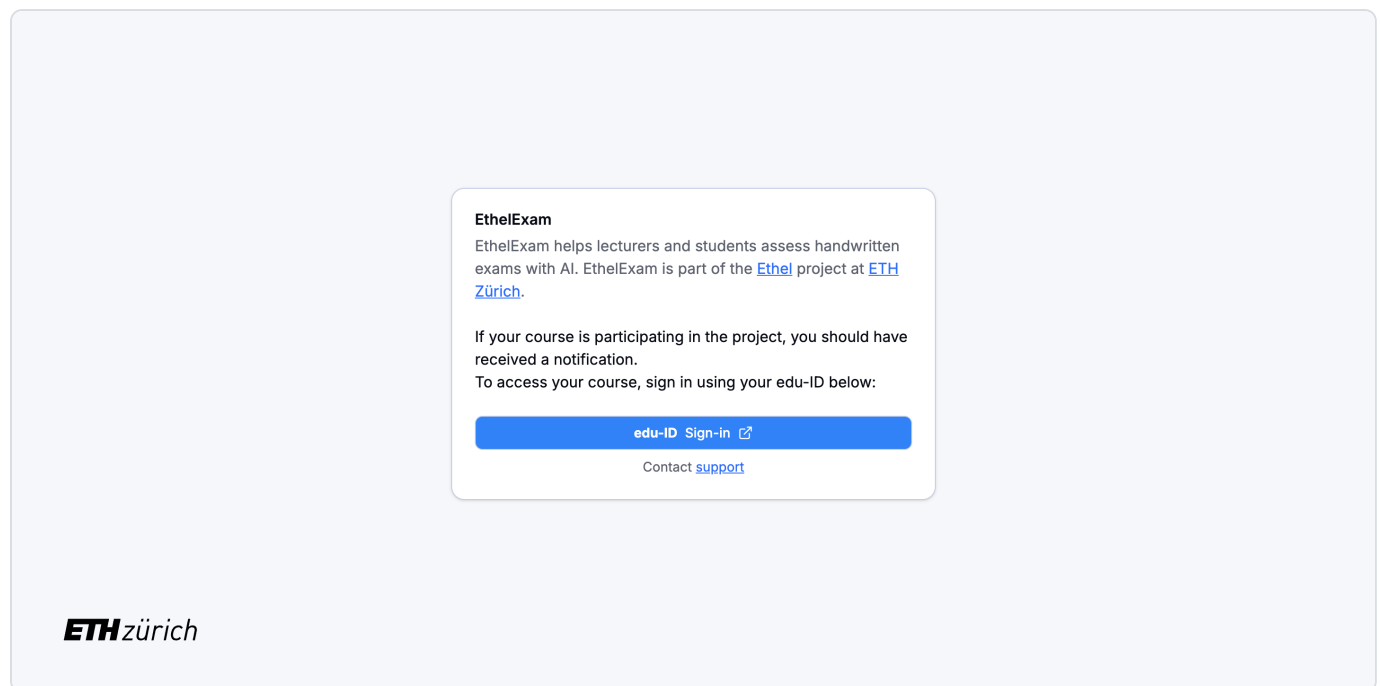
Course teams that run the scanning and AI scoring themselves can prepare an *import package* and hand it to the Ethel team for import — see the *EthelExam Import Package Guide*, available from the Ethel team. This must be arranged well in advance of the exam.

Getting started

Signing in

EthelExam uses **Switch edu-ID**, the same account you use for other Swiss university services. There is no separate EthelExam password.

Open the EthelExam address for your institution — at ETH Zürich this is exam.ethel.ethz.ch — and select **edu-ID Sign-in**. You are taken to the Switch edu-ID login and, after signing in, back to EthelExam.



First sign-in: consent

The first time you sign in, EthelExam shows you exactly which information it received from your Switch edu-ID account: your name, email address, and your university affiliations. Review the list and select **Agree and continue**. This appears only once; afterwards you go straight to your exams.

Create your EthelExam profile

Review the information received from your Switch edu-ID account.

NAME

Bob Sample

EMAIL ADDRESS

bob.sample@uzh.ch

CURRENT AFFILIATIONS (2)

ORGANIZATION

uzh.ch

NAME

Bob Sample

EMAIL ADDRESS

bob.sample@uzh.ch

LEGI

99999999

ORGANIZATION

ethz.ch

NAME

Bob Sample

EMAIL ADDRESS

bob.sample@ethz.ch

LEGI

Not available

By selecting **Agree and continue**, I consent to EthelExam receiving and using my Switch edu-ID profile information to create and manage my EthelExam profile.

Agree and continue

[Sign out](#)

Your exams

After signing in you land on **Exams**: every exam you have a role in, one card per exam. The card shows the exam's viewing and veto periods, and the actions your role allows. A student sees a **View** button; a TA also sees **Veto**s; a course admin sees **View**, **Veto**s, **Exam overview**, and **Exam settings**.



Exams



FS 2026 • PHYS-101

Physics I

Q VIEWING PERIOD

18 Aug, 08:00 CEST - 5 Sept, 18:00 CEST

⚠ VETO PERIOD

19 Aug, 08:00 CEST - 29 Aug, 18:00 CEST

Q View

⚠ Vetoes 8 / 20

📅 Exam overview

⚙ Exam settings

Missing an exam?



If an exam you expect is missing, the most common cause is that your university affiliation is not linked to your edu-ID account. The **Missing an exam?** panel at the bottom of the page explains how to check and fix this. If the exam is still missing afterwards, contact the Ethel team (see *Getting help*).

Sessions and signing out

- Your session ends after **1 hour without activity**, and in any case **8 hours** after you sign in.
- When the session expires, the app returns you to the sign-in page with a notice; after signing in again you continue where you were. Unsaved score or note edits do not survive an expired session, so save your work as you go.
- To sign out, open the profile menu (the icon in the top-right corner) and select **Sign out**.

Finding your way

The header is the same on every page: breadcrumbs on the left show where you are (exam name, current page), followed by the navigation buttons your role allows. Where a button carries a badge, the number is the count of open vetoes.

Page addresses are stable: a bookmark or a shared link lands on the same page again, provided the person opening it has a role that allows it.

Course admin guide

As a course admin you configure the exam's periods, monitor scoring progress, view any student's work with full identity, correct scores, and manage the veto workflow. This chapter follows the life of an exam from setup to finished scores.

Exam settings: viewing and veto periods

On the **Exams** page, your exam card carries an **Exam settings** button. It opens the period editor in place:

The screenshot shows the 'Exam settings' dialog for 'Physics I' (FS 2026 • PHYS-101). The dialog is divided into two main sections: 'Viewing period' and 'Veto period'. Each section has 'Start' and 'End' date and time pickers, and an 'Unset' button. The 'Viewing period' is currently set from 18 Aug 2026 08:00 CEST to 05 Sep 2026 18:00 CEST. The 'Veto period' is set from 19 Aug 2026 08:00 CEST to 29 Aug 2026 18:00 CEST. At the bottom of the dialog are 'Cancel' and 'Save' buttons. Below the dialog, there is a row of buttons: 'View', 'Vetoed 8 / 20' (highlighted in orange), 'Exam overview', and 'Exam settings'. At the very bottom is a 'Missing an exam?' button with a dropdown arrow.

- **Viewing period:** when students can open their exam and see scores.
- **Veto period:** when students can submit vetoes. It must lie within the viewing period; the editor enforces this as you pick dates. Times are entered and shown in Swiss local time (Europe/Zurich), including the summer-time change. Save applies immediately; if a colleague saved other changes in the meantime, the editor tells you and shows the current values instead of overwriting them.

Remember: there is no "publish results" button. Setting the viewing period *is* the release. When it opens, students see their scores, except parts with an open veto.

The exam overview

Exam overview is your progress dashboard: one row per student, one column per problem part, with the summary strip on top (submitted and absent parts, AI-scored and manually scored counts, total and open vetoes).

Exams

>

Physics I

View

Vetoed

Overview

12

COURSE CODE	TERM	SUBMITTED PARTS	ABSENT PARTS	AI-SCORED	MANUALLY SCORED	TOTAL VETOES	OPEN VETOES
PHYS-101	FS 2026	2'387 100 students	113	2'379	8	20	12

Q Search for name or legi

Filter

Refresh

Download CSV

Name	Legi	Exam Total 140 pts	Problem 1 — Rolling sphere				Problem 2 — Motion graphs					Problem 3	
			1.a — S... 10 pts	1.b — S... 3 pts	1.c — Q... 3 pts	1.d — F... 4 pts	2.a — ... 4 pts	2.b — ... 4 pts	2.c — ... 4 pts	2.d — ... 4 pts	2.e — ... 4 pts	3.a — l... 4 pts	3
Elena Tobias Arnold	56556926	81	6	1	1	2	2	2	2	1	3	3	
Nora Samuel Arnold	44480841	88	7	3	3	4	1	2	1 ±0	2	2	2	
Simon Adrian Arnold	21780218	115	9	2	2	2	2	3	3	4	2	3	
Timo Noah Arnold	56704611	96	7	3	1	2	4	3	2	3	3	2	
Anna Nina Baumann	22007761	93	6	1	3	3	3	3	3	2	2	4	
Samuel Mila Baumann	56258400	76	7	3	1	2	2	3	1	2	1	1	
Simon Nina Baumann	02907964	42	2	0	1	2	2	1	1	1	1	1	
Timo David Baumann	84095784	91	6	2	3	3	1	2	2	1 -2	3	2	
Alina Elena Bieri	77067415	85	7	3	0	4	3	2	2	0	1	2	
David Noah Bieri	12805312	95	8	1	3	3	2	3	3	2	4	3	
Jonas Luca Bieri	31049990	58	5	2	1	2	0	1	1	3	1	2	
Lara Adrian Bieri	77953656	52	4	2	2	3	3	1	0	1	2	1	
Tobias Elin Bieri	90375094	102	8	3	2	2	1	4	0	3	2	4	

Reading the grid:

- A dash means the student has no document for that part (absent).
- An amber cell has an open veto; a green cell has been manually scored. A small $\pm n$ next to a green value shows how far the manual total deviates from the original AI score; hover to see the AI value.
- Click any cell to jump straight to that student's problem part in the View page; click a student's name to open their whole exam.
- Column headers sort (click again to reverse or clear). The problem-part headers link to the **problem part view** for that part.

Above the grid:

- **Search** filters by student name or Legi as you type.

Exams > Physics I

Q View

Vetoed

12

Overview

COURSE CODE

PHYS-101

TERM

FS 2026

SUBMITTED PARTS

2'387

100 students

ABSENT PARTS

113

AI-SCORED

2'379

MANUALLY SCORED

8

TOTAL VETOES

20

OPEN VETOES

12

Q Sample

Filter

Refresh

Download CSV

Name	Legi	Exam Total 140 pts	Problem 1 — Rolling sphere				Problem 2 — Motion graphs					Problem 3 — Motion graphs	
			1.a — S... 10 pts	1.b — S... 3 pts	1.c — Q... 3 pts	1.d — F... 4 pts	2.a — ... 4 pts	2.b — ... 4 pts	2.c — ... 4 pts	2.d — ... 4 pts	2.e — ... 4 pts	3.a — l... 4 pts	3
Bob Sample	99999999	102	6	1	2	3	3	4	1	3	1	3	

- **Filter** narrows the grid to students with open vetoes and/or manually scored parts.

Exams > Physics I

Q View

Vetoos

12

Overview

COURSE CODE

PHYS-101

TERM

FS 2026

SUBMITTED PARTS

2'387

100 students

ABSENT PARTS

113

AI-SCORED

2'379

MANUALLY SCORED

8

TOTAL VETOES

20

OPEN VETOES

12

Q Search for name or legi

Filter

Refresh

Download CSV

Name	Legi			1 — Rolling sphere			Problem 2 — Motion graphs					Problem 3	
				1.a — S... 10 pts	1.b — S... 3 pts	1.d — F... 4 pts	2.a — ... 4 pts	2.b — ... 4 pts	2.c — ... 4 pts	2.d — ... 4 pts	2.e — ... 4 pts	3.a — l... 4 pts	3
Elena Tobias Arnold	56556926	81	6	1	1	2	2	2	2	1	3	3	
Nora Samuel Arnold	44480841	88	7	3	3	4	1	2	1 ±0	2	2	2	
Simon Adrian Arnold	21780218	115	9	2	2	2	2	3	3	4	2	3	
Timo Noah Arnold	56704611	96	7	3	1	2	4	3	2	3	3	2	
Anna Nina Baumann	22007761	93	6	1	3	3	3	3	3	2	2	4	
Samuel Mila Baumann	56258400	76	7	3	1	2	2	3	1	2	1	1	
Simon Nina Baumann	02907964	42	2	0	1	2	2	1	1	1	1	1	
Timo David Baumann	84095784	91	6	2	3	3	1	2	2	1 -2	3	2	
Alina Elena Bieri	77067415	85	7	3	0	4	3	2	2	0	1	2	
David Noah Bieri	12805312	95	8	1	3	3	2	3	3	2	4	3	
Jonas Luca Bieri	31049990	58	5	2	1	2	0	1	1	3	1	2	
Lara Adrian Bieri	77953656	52	4	2	2	3	3	1	0	1	2	1	
Tobias Elin Bieri	90375094	102	8	3	2	2	1	4	0	3	2	4	

With both filters active, the grid narrows to the students who still need attention:

Exams > Physics I

Q View

12

Vetoes

Overview

COURSE CODE

PHYS-101

TERM

FS 2026

SUBMITTED PARTS

2'387

100 students

ABSENT PARTS

113

AI-SCORED

2'379

MANUALLY SCORED

8

TOTAL VETOES

20

OPEN VETOES

12

Q Search for name or legi

Filter 2

Refresh

Download CSV

Name	Legi	Exam Total 140 pts	Problem 1 — Rolling sphere				Problem 2 — Motion graphs					Problem 3	
			1.a — S... 10 pts	1.b — S... 3 pts	1.c — Q... 3 pts	1.d — F... 4 pts	2.a — ... 4 pts	2.b — ... 4 pts	2.c — ... 4 pts	2.d — ... 4 pts	2.e — ... 4 pts	3.a — l... 4 pts	3
Elena Tobias Arnold	56556926	81	6	1	1	2	2	2	2	1	3	3	
Nora Samuel Arnold	44480841	88	7	3	3	4	1	2	1 ±0	2	2	2	
Timo David Baumann	84095784	91	6	2	3	3	1	2	2	1 -2	3	2	
Lea Sara Brunner	70198955	80	5	1	1	3	1	3	3	3 +1	3	2	
Elin Luca Fischer	60565073	59	6	1	2	1	2 +1	2	3	2	1	2	
Lea Timo Frei	05477416	107	8	2	3	2	2	3	3	2	3	4	
Adrian Nina Kaufmann	79816934	83	6	1	1	3	3	3	2	2	2	2	
David Fabian Kaufmann	25164793	88	5 -1	2	2	2	3	3	1	3	3	2	
Elin Jana Kaufmann	93401879	66	6	-	3	-	3	3	3	-	-	3	
Mila Elin Keller	27747642	88	5	1	2 +1	4	2	3	3	3	4	2	
Simon Luca Keller	32394126	89	6	1	2	2	3	3	2	2	2	3	
Lea Nora Marti	10333263	69	5	1	1	3	1	2	3	2	2	2	
Simon Liv Meier	86799869	91	5	2	3	1	4	3	2	3	3	3	

- **Download CSV** exports the full grid (always the complete data, not the filtered view) as a spreadsheet-ready file. Values open cleanly in Excel and LibreOffice, including names with special characters.
- **Refresh** re-reads the grid without leaving the page, which is useful while TAs are actively scoring.

For very large exams (beyond roughly 50,000 grid cells) the grid view is not available and the page says so; the rest of the app works normally.

Viewing one student

From the overview, or via **View**, you see one student's entire exam: every problem part with its rubric scores on the left and the student's scanned answer on the right. As a course admin you see the student's real name and Legi.

Exam view

Veto all problem parts for this student

Problem 1 — Rolling sphere

1.a — Speed at the bottom of the incline

Bob Sample · 99999999
Rubric

Energy conservation	2 of 2
Moment of inertia	1 of 2
Rolling condition	1 of 2
Substitution	1 of 2
Final result	1 of 2
Total	6 of 10

Veto

Scoring note

History

Problem 1
A solid sphere (mass M , radius R) starts from rest at height h on an incline. It rolls down without slipping, but no other friction.

1.a What will be the speed of the sphere on a level surface at the bottom of the incline?

$v = \sqrt{2gh} ?$
Energy conservation, rolling without slipping:
 $Mgh = \frac{1}{2}Mv^2 + \frac{1}{2}I\omega^2$, $I_{sph} = \frac{2}{5}MR^2$, $\omega = v/R$
 $gh = \frac{1}{2}v^2 + \frac{1}{5}v^2 = \frac{7}{10}v^2$
 $\Rightarrow v = \sqrt{10gh / 7}$

Things only course admins see here:

- The **AI delta**: where a manual score deviates from the AI baseline, the point difference is shown next to the affected criteria.
- The **History** button: the complete score history of the part, listing every AI and manual scoring event with its timestamp, actor, and per-criterion values.

Exams > Physics I

12

View Veto Overview

Problem 1 — Rolling sphere

1.a — Speed at the bottom of the incline

Timo Samuel Huber · 70299843

Rubric

Energy conservation	1 of
Moment of inertia	2 of
Rolling condition	2 of
Substitution	2 of
Final result	2 of
Total	9 of 10

Veto

Scoring note

History

Page 1 of 1

Problem 1
A solid sphere (mass M , radius R) starts from rest at height h on an incline. It rolls down without slipping, but no other friction.

1.a What will be the speed of the sphere on a level surface at the bottom of the incline?

Confirm veto

Your veto will **discard the current scores** and request that course staff evaluate this problem part again.
This veto is **final and cannot be withdrawn**. After course staff manually score this problem part, you cannot submit another veto for it.

Do you want to proceed?

Cancel Submit veto

$v = \sqrt{2gh}$?
Energy conservation, rolling without slipping:
 $Mgh = \frac{1}{2}Mv^2 + \frac{1}{2}I\omega^2$, $I_{sph} = \frac{2}{5}MR^2$, $\omega = v/R$
 $gh = \frac{1}{2}v^2 + \frac{1}{5}v^2 = \frac{7}{10}v^2$
 $\Rightarrow v = \sqrt{10gh / 7}$

Before the veto, the part shows its current score:

Exams > Physics I

12

View Veto Overview

Problem 1 — Rolling sphere

1.a — Speed at the bottom of the incline

Timo Samuel Huber · 70299843

Rubric

Energy conservation	1 of 2
Moment of inertia	2 of 2
Rolling condition	2 of 2
Substitution	2 of 2
Final result	2 of 2
Total	9 of 10

Veto

Scoring note

History

Page 1 of 1

Problem 1
A solid sphere (mass M , radius R) starts from rest at height h on an incline. It rolls down without slipping, but no other friction.

1.a What will be the speed of the sphere on a level surface at the bottom of the incline?

$v = \sqrt{2gh}$?
Energy conservation, rolling without slipping:
 $Mgh = \frac{1}{2}Mv^2 + \frac{1}{2}I\omega^2$, $I_{sph} = \frac{2}{5}MR^2$, $\omega = v/R$
 $gh = \frac{1}{2}v^2 + \frac{1}{5}v^2 = \frac{7}{10}v^2$
 $\Rightarrow v = \sqrt{10gh / 7}$

After submitting, the score is void and the card is in edit mode, ready to be scored again by you or by a TA:

Exams > Physics I View Veto 13 Overview

Problem 1 — Rolling sphere

1.a — Speed at the bottom of the incline

Timo Samuel Huber · 70299843 [Open veto](#)

Rubric

Energy conservation	1 of 2
Moment of inertia	2 of 2
Rolling condition	2 of 2
Substitution	2 of 2
Final result	2 of 2

Total 9 of 10

☒ Cancel ☐ Score

☐ Scoring note ☐

Veto submitted
22 Aug, 01:42 CEST

Page 1 of 1

Problem 1
A solid sphere (mass M , radius R) starts from rest at height h on an incline. It rolls down without slipping, but no other friction.

1.a What will be the speed of the sphere on a level surface at the bottom of the incline?

$v = \sqrt{2gh}$?
Energy conservation, rolling without slipping:
 $Mgh = \frac{1}{2}Mv^2 + \frac{1}{2}I\omega^2$, $I_{sph} = \frac{2}{5}MR^2$, $\omega = v/R$
 $gh = \frac{1}{2}v^2 + \frac{1}{5}v^2 = \frac{7}{10}v^2$
 $\Rightarrow v = \sqrt{10gh / 7}$

2. **All parts of one student:** on a student's View page, **Veto all problem parts for this student.** A confirmation dialog with an explicit checkbox stands between you and the action:

Exams > Physics I View Veto 12 Overview

Exam view

[Veto all problem parts for this student](#)

Problem 1 — Rolling sphere

1.a — Speed at the bottom of the incline

Bob Sample · 99999999

Rubric

Energy conservation	2 of 2
Moment of inertia	1 of 1
Rolling condition	1 of 1
Substitution	1 of 1
Final result	1 of 1

Total 6 of 6

Confirm student exam vetoes

Your vetoes will **discard the current scores for all eligible problem parts** in this student's exam and request that course staff evaluate these problem parts again.

Each veto is **final and cannot be withdrawn**. After course staff manually score a problem part, you cannot submit another veto for it.

Do you want to proceed?

☐ I understand this will create irreversible vetoes for all eligible problem parts in this student's exam.

Page 1 of 1

Problem 1
A solid sphere (mass M , radius R) starts from rest at height h on an incline. It rolls down without slipping, but no other friction.

1.a What will be the speed of the sphere on a level surface at the bottom of the incline?

$v = \sqrt{2gh}$?
Energy conservation, rolling without slipping:
 $Mgh = \frac{1}{2}Mv^2 + \frac{1}{2}I\omega^2$, $I_{sph} = \frac{2}{5}MR^2$, $\omega = v/R$
 $gh = \frac{1}{2}v^2 + \frac{1}{5}v^2 = \frac{7}{10}v^2$
 $\Rightarrow v = \sqrt{10gh / 7}$

3. **One part across all students:** on the **problem part view** (see *One problem part across all students*), **Veto problem part for all students**, with the same kind of confirmation.

Exams > Physics I

View

Vetoes

Overview

12

Problem part view

Problem 1 — Rolling sphere > 1.a — Speed at the bottom of the incline

Veto problem part for all students

1.a — Speed at the bottom of the incline

Bob Sample · 999999999

Student exam | Rubric

Energy conservation	2 of 2
Moment of inertia	1 of 2
Rolling condition	1 of 2
Substitution	1 of 2
Final result	1 of 2
Total	6 of 10

Veto

Scoring note

History

Page 1 of 1

Problem 1

A solid sphere (mass M , radius R) starts from rest at height h on an incline. It rolls down without slipping, but no other friction.

1.a What will be the speed of the sphere on a level surface at the bottom of the incline?

$$v = \sqrt{2gh} ?$$

Energy conservation, rolling without slipping:

$$Mgh = \frac{1}{2}Mv^2 + \frac{1}{2}I\omega^2, I_{sph} = \frac{2}{5}MR^2, \omega = v/R$$

$$gh = \frac{1}{2}v^2 + \frac{1}{5}v^2 = \frac{7}{10}v^2$$

$$\Rightarrow v = \sqrt{10gh / 7}$$

The veto workflow

Vetoos shows the state of the veto queue per problem part: how many vetoes each part has and how many are still open.



Exams > Physics I

 View

 **Veto**es 12

 Overview



COURSE CODE	TERM	SUBMITTED PARTS	ABSENT PARTS	AI-SCORED	MANUALLY SCORED	TOTAL VETOES	OPEN VETOES
PHYS-101	FS 2026	2'387 100 students	113	2'379	8	20	12

Problem 1 — Rolling sphere

1.a — Speed at the bottom of the incline

Veto

es 1 / 3

1.b — Solid disk comparison

Veto

es 0 / 1

1.c — Quadrupled height

Veto

es 1 / 3

1.d — Frictionless sliding

No veto

es

Problem 2 — Motion graphs

2.a — Constant, then linearly increasing position

Veto

es 1 / 2

2.b — Constant negative acceleration

Veto

es 1 / 1

2.c — Velocity through zero

Veto

es 1 / 2

2.d — Two-slope velocity

Veto

es 3 / 7

2.e — Ramp-down velocity

Veto

es 0 / 1

Problem 3 — Amusement-park ride

Clicking a part opens its veto scoring worklist: every vetoed instance of that part, open vetoes first, each with the student's document. Enter the rubric values and press **Score**; that closes the veto in the same step.

[Exams](#) > [Physics I](#) |
 [View](#) |
 [Vetoos](#) 12 |
 [Overview](#)

Veto scoring

Problem 1 — Rolling sphere > 1.a — Speed at the bottom of the incline Vetoos 1 / 3

1.a — Speed at the bottom of the incline

Lea Nora Marti · 10333263 Open veto

[Student exam](#) | [Rubric](#)

Energy conservation	1	of 2
Moment of inertia	1	of 2
Rolling condition	0	of 2
Substitution	1	of 2
Final result	2	of 2

Total
5 of 10

Cancel
Score

Scoring note

Veto submitted
 21 Aug, 17:15 CEST

Page 1 of 1

Problem 1
A solid sphere (mass M , radius R) starts from rest at height h on an incline. It rolls down without slipping, but no other friction.

1.a What will be the speed of the sphere on a level surface at the bottom of the incline?

$v = \sqrt{2gh} ?$
Energy conservation, rolling without slipping:
 $Mgh = \frac{1}{2}Mv^2 + \frac{1}{2}I\omega^2, I_{sph} = \frac{2}{5}MR^2, \omega = v/R$
 $gh = \frac{1}{2}v^2 + \frac{1}{5}v^2 = \frac{7}{10}v^2$
 $\Rightarrow v = \boxed{\sqrt{10gh / 7}}$

TAs work the same worklist, but blind: where you see the current scores, a TA sees a zeroed rubric, so their fresh scoring is not anchored by the disputed number. The student sees no score for the part until it has been scored again.

Exams > Physics I 13 Overview

Problem 1 — Rolling sphere

1.a — Speed at the bottom of the incline

Lara Jana Steiner · 26418480

Rubric

Energy conservation	1 of 2
Moment of inertia	1 of 2
Rolling condition	1 of 2
Substitution	1 of 2
Final result	2 of 2

Total 6 of 12

Veto

Scoring note

Partial credit for the substitution step confirmed with the lecturer — apply the same rule to comparable cases in 1.a.

Last edited by: Alice Example 22.08.

History

Page 1 of 1

Problem 1
A solid sphere (mass M , radius R) starts from rest at height h on an incline. It rolls down without slipping, but no other friction.

level surface at the bottom of the incline?

ing:

$$gh = \frac{1}{2}v^2 + \frac{1}{3}v^2 = \frac{7}{10}v^2$$

$$\Rightarrow v = \sqrt{10gh / 7}$$

Previous notes

Alice Example 22 Aug, 01:43 CEST

Partial credit for the substitution step confirmed with the lecturer.

Close

1.b — Solid disk comparison

Lara Jana Steiner · 26418480

Rubric

Disk inertia 0 of 1

Page 1 of 1

1.b Would a solid disk with the same mass and radius, starting from rest from the same height, roll faster, slower, or at the same speed at the bottom of the incline?

Data changes

Imports, re-imports, exam resets, and enrolment changes are handled by the Ethel team (see *Key concepts*). Be aware that a re-import starts from scratch: the exam is fully reset, and all work done in EthelExam — vetoes, manual scores, scoring notes — is lost. Plan for the lead time: if something in the underlying data must change during the scoring window, contact the Ethel team as early as possible. A re-import comes with a scoring freeze, announced to all staff.

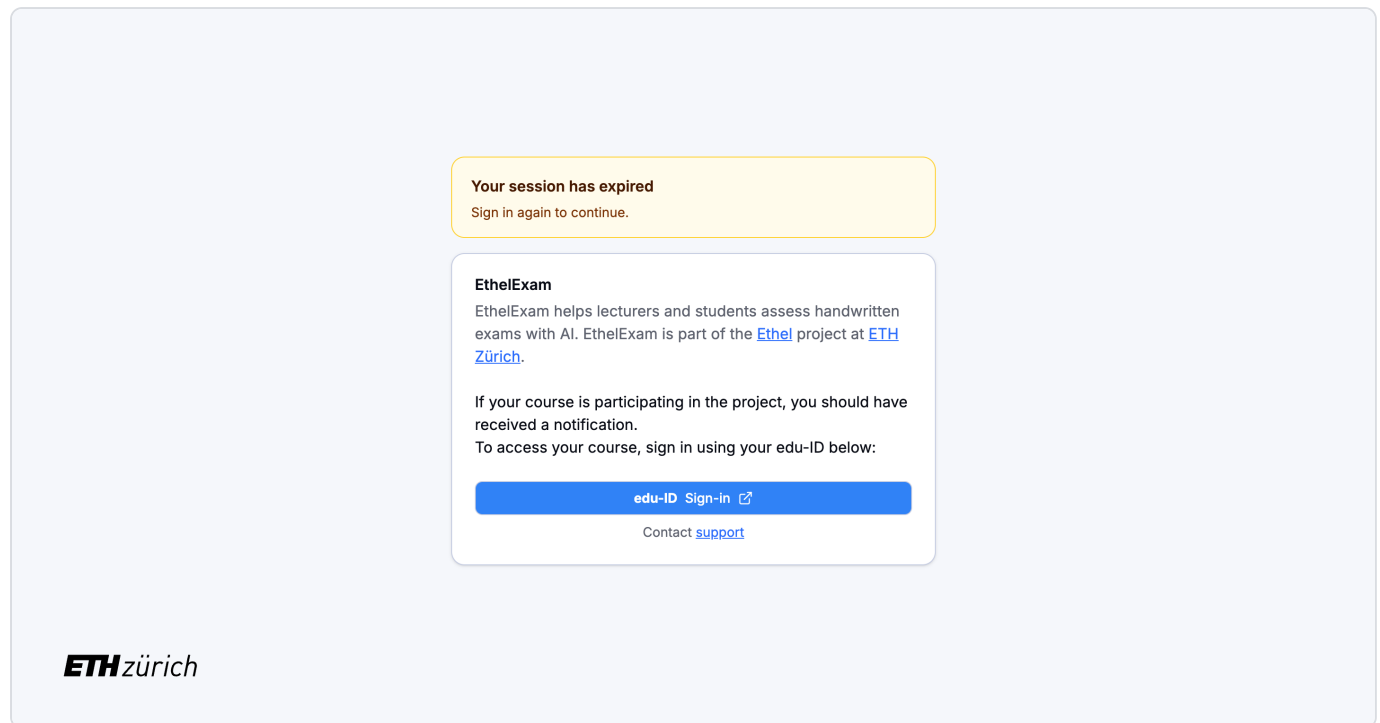
Quick reference

1. After the import, spot-check a sample of students in the View page: are the scans correct and complete, and do the AI scores look plausible, without obvious deviations? Do this before opening the viewing period.
2. Set the viewing and veto periods in **Exam settings**.
3. During scoring: watch **Exam overview** for progress; amber cells are open vetoes, green cells are manual scores.
4. To correct a score on an untouched part: veto it first, then score it.
5. To handle vetoes: **Vetoes** → pick a part → score each open card; scoring closes the veto.
6. When open vetoes are zero after the veto period closed, the exam is done. Export the final grid with **Download CSV**.

Troubleshooting

I was signed out unexpectedly

After an hour of inactivity (or 8 hours after signing in, whichever comes first) EthelExam ends your session and shows "Your session has expired" on the sign-in page:



Sign in again and you will be returned to the page you were on. Unsaved edits do not survive the expiry; save as you go.

An exam is missing from my list

Your exam list shows exams in which your signed-in identity has a role. The usual cause for a missing exam is an unlinked university affiliation in your Switch edu-ID account: open **Missing an exam?** at the bottom of the exams page, follow the guide, then sign out and back in. Still missing? Contact the Ethel team (see *Getting help*).

A document does not load

If a scanned answer shows "Document temporarily unavailable", use **Retry**; this is almost always transient. **Open in new tab** is a second path to the same document. If a document is persistently unavailable, report the exam, problem part, and time to the Ethel team.

Someone else changed a score I was editing

Two staff members had the same problem part open, and the other one saved first. Nothing is lost: the card shows both versions and asks you to pick **Use saved scores** (accept your colleague's result) or **Keep my version** (submit yours on top). Coordinate in the veto worklist by working top-down; scored cards drop down the list on refresh.

The overview grid says the exam is too large

The overview grid caps out at very large exams (roughly 50,000 cells, which is the number of students multiplied by the number of problem parts). All other pages work normally: use the **problem part view** and the veto worklists, and contact the Ethel team if you need a grid export for an exam of this size.

The page warns me about unsaved changes

You have score or note edits that have not been saved. **Stay** returns you to the page so you can press **Score** or **Save note**; **Leave without saving** discards the drafts.

Something else is wrong

For anything data-related — wrong or missing students, wrong documents, re-imports — contact the Ethel team (see *Getting help*). For access problems, start with *An exam is missing from my list* above. Questions about a score itself are a matter for the course.

Glossary

AI scored — The initial state of every problem part: scores from the Ethel team's AI scoring, imported into EthelExam, before any human has intervened.

Blind scoring — What a TA does on a part with an open veto: the disputed score is hidden and the rubric starts at zero, so the fresh scoring is not anchored by the old number.

Course admin — The faculty role that runs an exam: sets periods, sees identities and score history, creates vetoes, and corrects scores.

Document — The scanned PDF of one student's answer to one problem part, shown next to the rubric.

Ethel team — The group that operates EthelExam, provides support, and appreciates hearing your feedback. Contact: ethel@sl.ethz.ch (see *Getting help*).

Exam — One course's examination in one term, for example *Physics I*, *PHYS-101*, *FS 2026*.

Exam instance — One student's personal copy of an exam, with one row per problem part.

Legi — The Swiss matriculation number identifying a student.

Manually scored — The state of a problem part after a member of course staff has entered scores by hand. A manually scored part can never be vetoed again.

Problem — A top-level exercise of an exam ("Problem 1 — Rolling sphere").

Problem part — One sub-question of a problem ("1.a — Speed at the bottom of the incline"), and the unit that documents, scores, vetoes, and notes attach to.

Problem part view — The course-admin page that shows one problem part across all students.

Rubric — The list of criteria, each worth points, against which a problem part is scored.

Scoring note — A private staff notepad on one problem part of one student. Versioned; never visible to students.

Student label — The pseudonymous five-character identifier (such as "OBASP") that identifies a student to a TA within one problem part, shown in veto scoring only. It does not reveal the student's identity to TAs; identifiers differ from part to part by design.

TA — The teaching-assistant role: scores vetoed parts blind and never sees student identities.

Veto — A final, one-time objection against the current score of one problem part. Open until staff enter a manual score, which closes it.

Veto period — The window during which students can submit vetoes. Always lies inside the viewing period.

Veto scoring — The staff workflow (and page) for scoring vetoed parts.

Viewing period — The window during which students can open their exam and see documents and scores.