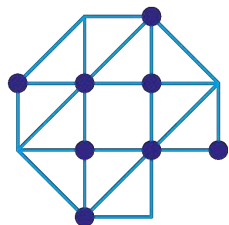


# EduXchange: Studeren buiten de grenzen van je eigen instelling

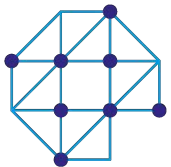
Bas Rijnbende  
Implementatiemanager Student Mobility

```
146     </li>
147   </ul>
148 </div>
149   };
150 }
151
152 renderWhatsNewLinks() {
153   return (
154     <div className={styles.whatsNewLinks}>
155       <h4 className={styles.whatsNewLinksHeader}>
156         <ul className={styles.whatsNewLinksList}>
157           {this.renderWhatsNewLink(
158             {this.renderWhatsNewLink(
159               {this.renderWhatsNewLink(
160                 {this.renderWhatsNewLink(
161                   {this.renderWhatsNewLink(
162                     {this.renderWhatsNewLink(
163                       {this.renderWhatsNewLink(
164                         {this.renderWhatsNewLink(
165                       </ul>
166                     </div>
167                   )}
168                 )}
169               )}
170             )}
171           <li className={styles.whatsNewItem}>
172             <a
173               href={trackUrl(url)}
174               target="_blank"
175               rel="noopener noreferrer"
176             >
177               {title}
178             </a>
179           </li>
180         );
181       }
182     );
183   renderFooterSub() {
184     return (
185       <div className={styles.footerSub}>
186         <a href="#" title="Home" ->
187           Home
188         </a>
189       </div>
190     );
191   }
192 }
```



**Versnellingsplan**  
Onderwijsinnovatie  
met ICT

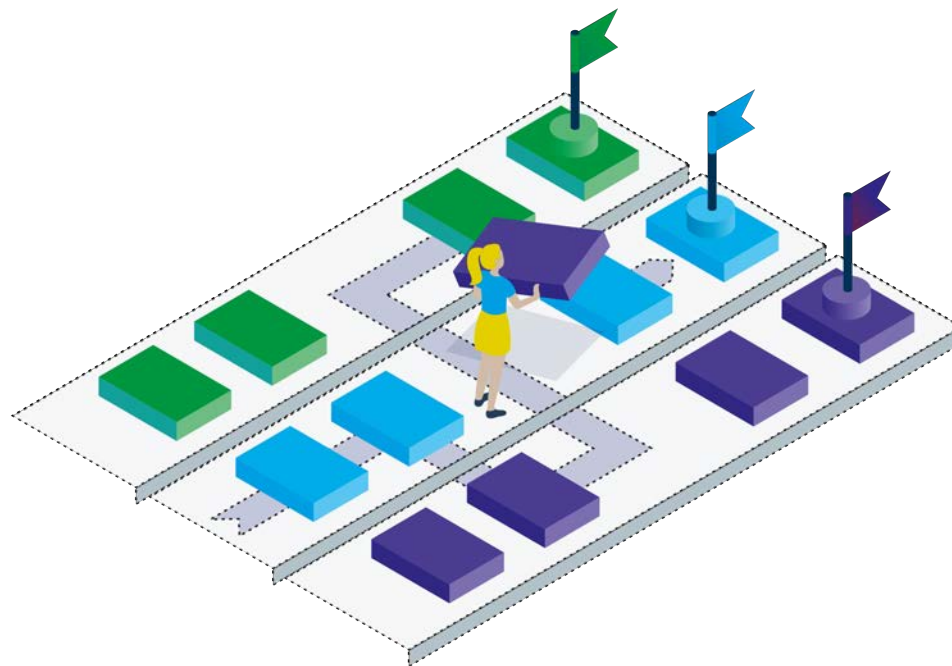
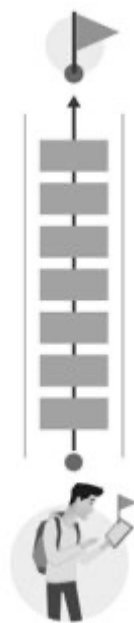
flexibilisering

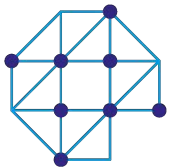


# Versnellingsplan Onderwijsinnovatie met ICT

flexibilisering

## Studentenroute: buiten de gebaande paden





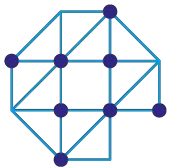
# Versnellingsplan Onderwijsinnovatie met ICT

flexibilisering

---

## Wat is het probleem?

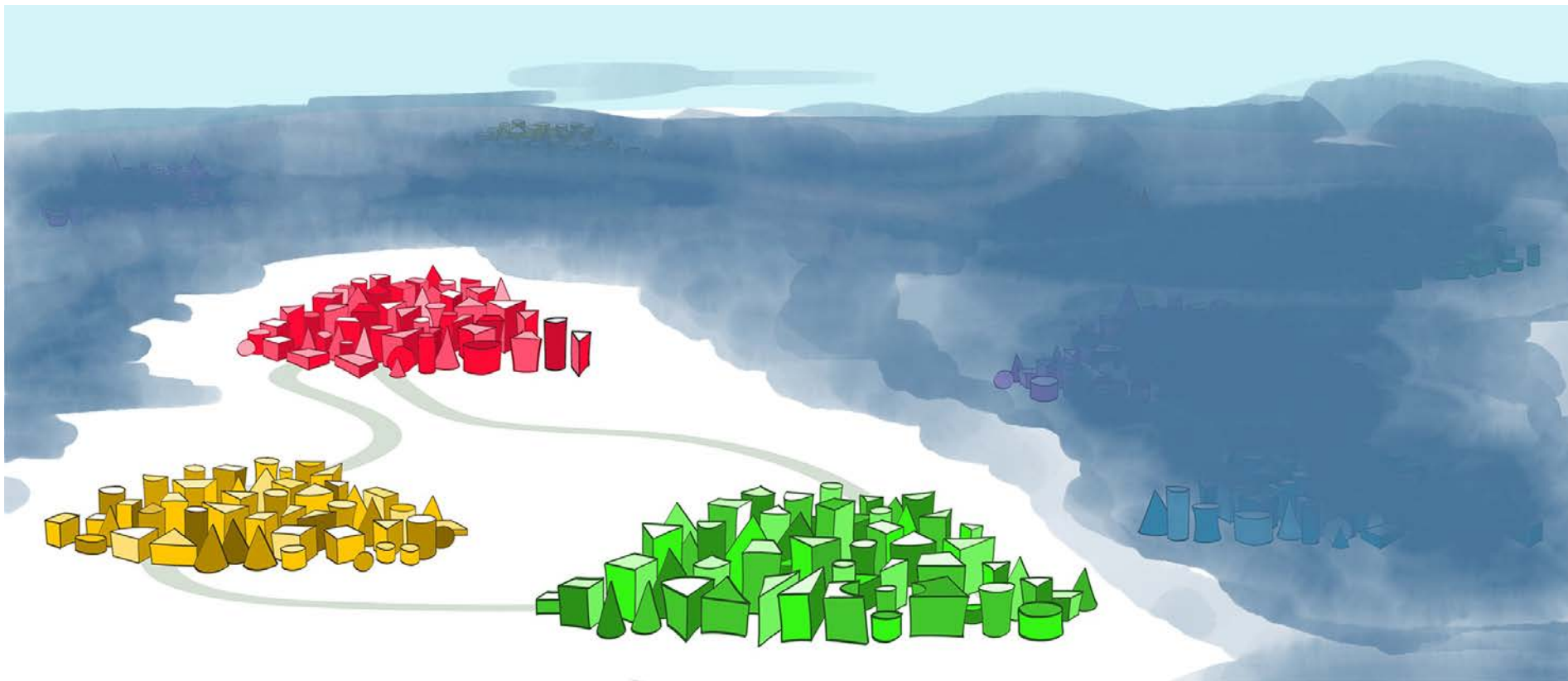


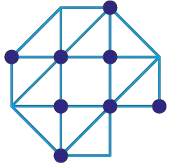


# Versnellingsplan Onderwijsinnovatie met ICT

flexibilisering

## EduXchange 1.0: UU, TU/e, WUR





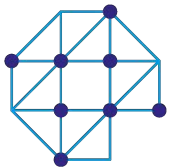
## Versnellingsplan Onderwijsinnovatie met ICT

flexibilisering

---

### Ontwerp: drie functionele componenten

- Oriënteren op onderwijsaanbod
- Inschrijven op onderwijsaanbod
- Terugkoppelen behaalde resultaat



## Versnellingsplan Onderwijsinnovatie met ICT

flexibilisering

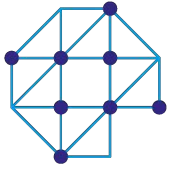
---

### De rol van eduID

- Een 'identiteitsbewijs' waarmee je vrij tussen de instellingen kunt reizen
- De instelling weet dat de student aan de voorwaarden voldoet
- Student geeft met het EduID toestemming voor gegevensuitwisseling
- Ontwikkeling tot een uniform, landelijk account?







## Easily enroll in a course at another institution

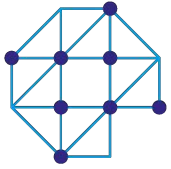
Where do you study now?

 Eindhoven University of Technology

 Utrecht University

 Wageningen University & Research

\*The following partnership currently participates in eduXchange.nl: [EWUU](#) (TU/e, WUR, UU and UMC Utrecht).



 eduXchange.nl for students of

 Wageningen University & Research

[\(change\)](#)

### Discover and enroll in courses

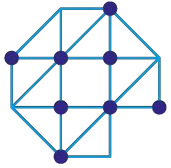
 

[Show all courses](#)

The following institutions are currently offering courses:

- [Eindhoven University of Technology.](#)
- [Utrecht University.](#)





Available courses for students of Wageningen University & Research [\(Are you studying at an other institution?\)](#)

[Home](#) / [Courses](#)

## Find a course

59 Courses

Sort by Course name A-Z

### Academic year

2022 - 2023 (59)

### Starts in

Sep 2022 (23)

Nov 2022 (17)

Feb 2023 (12)

Mar 2023 (1)

Apr 2023 (7)

### Institution offering the course

TU/e (41)

UU (18)

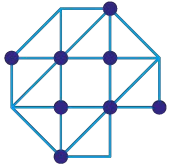
### Study load

1 - 5 ECTS (45)

6 - 10 ECTS (14)

more than 10 ECTS (0)

Advanced Behavioural Economics	5 ECTS	
Advanced data analysis	5 ECTS	TU/e
Advanced perception	5 ECTS	TU/e
BRM 1 premaster	5 ECTS	TU/e
Better science with less animal testing	4.5 ECTS	
Biomaterials	5 ECTS	TU/e
Bone structure and function	5 ECTS	TU/e



Available courses for students of Wageningen University & Research [\(Are you studying at an other institution?\)](#)

[Home](#) / [Eindhoven University of Technology](#) / **Creative programming**

## Creative programming



### About this course

- Introduction to programming and software engineering.
- Variables and control flows.
- 2D graphics and animations.
- Arrays and other data structures.
- Functions.
- Algorithms.
- Object orientation.
- GUI and interactivity.
- Arduino and Serial communication.
- Networking.

### Instructional modes (attendance)

- Lecture supported by notebook/PC and Arduino.
- Homework.

### Deliverables

- Final report.
- Practical.
- Interim report.
- Homework assignment.

### Expected learning outcomes

Creative Programming belongs to the expertise area "Technology and Realization" that enables the students to explore, prototype, create and demonstrate innovative concepts and experiences using technology. Programming would be the first step towards integrating technology, among other steps, to approach the interactive and intelligent systems, products and related services. We will learn programming first in a visual context by creating artistic visuals and interactive animations and later in a tangible context by



Study load  
**ECTS 5**



Contact coordinator  
**P.J.F. Peters**  
**M.J. Hoekstra**  
**J. Liang**  
**E.D. van der Spek**  
**J. Hu**

This course is offered:



**Block 1**



English



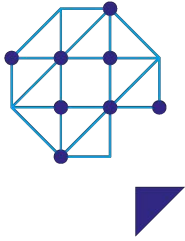
Sep 5, 2022



**Register between**

Jun 15, 2022 and Aug 28, 2022

Register



## Enroll for an elective course at TU/e

Over edubroker



### Approve transfer of personal information

**Creative programming** **TU/e**

---

5 ECTS

---

TU Eindhoven

---

Dutch

---

**Date & Time**

---

**Semester 1**

---

Sep 5, 2022

---

8 places

#### Your home institution

Utrecht University

#### Your personal information

*TU/e will request all necessary information for your enrollment at your home institution.*

*For this you need to grant TU/e permission to do so.*

**Approve with eduID**

### How does enrolling work?

- You will enroll with your eduID** ([read why](#))  
Don't worry if you don't have an eduID yet, we'll help you get one in less than 30 seconds.
- Approve transfer**  
TU/e will contact your current institution and will process your enrollment.
- Finalize enrollment**  
TU/e might have some additional questions when you register for an elective.
- Sit back and relax**  
All details are now at TU/e. They will take it from there and inform you via email.



No eduID? [Request one!](#)

## Sign in with eduID

to continue to [TU Eindhoven](#)

Stay logged in

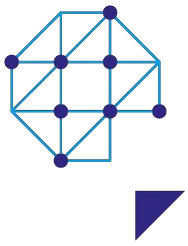
Other sign-in options

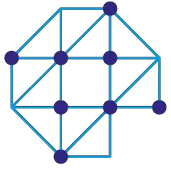
[Email a magic link](#) or [sign in with a security key](#).

[Terms of Use](#)  
[Privacy policy](#)

NL | EN

Powered by SURF





Inactive Browser Tab *Fade* x Active Browser Tab *Fade* x

https://engine.surfconext.nl/authentication/idp/single-sign-on/key:201123213SAMLRequest=IVLLbSlwELz3KylFQ2yThsTilVoORalqAtpDL5WT



### Login via eduID

#### Do you give consent to share your information?

#### TU/eindhoven will receive

Name	Johanna Swinkels	?
Email address	johanna_s@gmail.com	?
eduID	112516116431435...	?

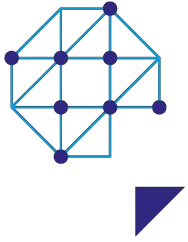
**eduID** provided by eduID [Something incorrect?](#)

-  **TU/eindhoven** needs this information to function properly (read their [privacy policy](#)).
-  These data will be sent securely from your institution via **SURFconext** using **a number that uniquely identifies you for this service**.

**Yes proceed**

[No, I don't agree](#)







Inactive Browser Tab **Fade** x Active Browser Tab **Fade** x

https://engine.surfconext.nl/authentication/idp/single-sign-on/key:201123213SAMLRequest=IVLLbslwELz3KyLfQ2yThsTilVoORalqAtpDL5WT

### Login via eduID

**Do you give permission to share your information?**

 ↔ 

TU eindhoven needs to contact **Wageningen University** to be able to complete the enrollment.

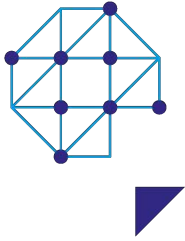
**Grant TU eindhoven permission to:**

- ✓ Request and receive your personal information such as nationality, date of birth etc. [Learn more.](#)

---

**Allow**

[No, I don't agree](#)



Inactive Browser Tab Fade x Active Browser Tab Fade x  
https://intekenontvanger

## Enroll for an elective course at TU/e

Select course Approve transfer Enroll Relax

### Please wait while we enroll you Johanna!

**Creative programming** **TU/e**

---

5 ECTS

---

TU Eindhoven

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Dutch

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**Date & Time**

---

**Semester 1**

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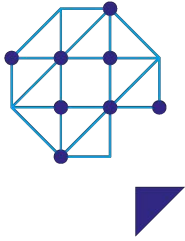
Sep 5, 2022

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8 places





**Enrollin', rollin', rollin'...**

Requesting your information at WUR



Inactive Browser Tab Fade x Active Browser Tab Fade x  
https://intekenbroker

## Enroll for an elective course at TU/e


   

Select course Approve transfer Enroll Relax


### Done for now, we'll be in touch!

**Creative programming** **TU/e**


---

 5 ECTS

---

 TU Eindhoven


---

 Dutch


---

**Date & Time**


---

 **Semester 1**


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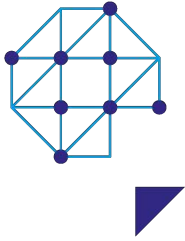
 Sep 5, 2022

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 8 places

### What will happen next?

 You will receive mail from TU/e what the next steps will be.



Mailboxes: **Inbox** Sent Flagged Drafts (28)

Sort by Date

- Inbox** 21
- Flagged** 18
- Drafts** 1
- Sent
- Junk
- Trash 100

Smart Mailboxes

- Today

**Eddard Stark** 9:35 AM  
Important news [Urgent]  
If the wrong ears heard what I'm about to tell you, off comes my head. And who would mourn poor...

**Electives TU/Eindhoven** 9:00 AM  
**We have received your enrollment**  
You've enrolled for an elective at TU/e, we will contact your current institution and...

**Catelyn Tully** 8:51 AM  
I propose a bride  
On my honor as a Tully, on my honor as a Stark, I will trade your boy's life for Robb's. A son for a son.

**Jon & Alliser** Yesterday  
Re: Winter is coming!  
You don't know cold. Neither of you do. The horses died first. Didn't have enough to feed them...

**Tyion Lannister** Yesterday  
Re: Resumé  
I drink and I know things.

**Bran Stark** Yesterday  
Hello?  
How long have you been hiding out there? Robb will be looking for you. To say goodbye.

**Sansa Stark** Yesterday  
...regrets  
Don't you wish we could go back to the day we left? I want to scream at myself, "don't go, you idiot."

**Arya Stark** Yesterday  
My list  
Joffrey... Cersei...lyn Payne...the Hound...Joffrey... Cersei...lyn Payne...the Hound...Joffrey... Cersei...

**Cersei Lannister** Yesterday  
Thinking about you  
Tyion may be a monster, but at least he killed our father on purpose. You killed him by mistake with...

**Ser Jaime Lannister** 04/22/2017  
Nice try!  
People have been swinging at me for years and they always seem to miss.

**Petyr Baelish** 04/22/2017  
Small Council Meeting  
Council business. We all have so much to discuss with Ned Stark.

**Varys** 04/22/2017  
Lady Stark  
Everyone's well aware of your enduring...fondness for Lord Stark's wife. If the Lannisters were behind the...

Electives TU/Eindhoven **electives@tue.nl** Inbox 9:00 AM AT

We have received your enrollment  
To: johanna\_sj@gmail.com

**TU/e** Eindhoven University of Technology

Hi Johanna,

This email is the confirmation that we received your enrollment for:

**Creative programming – 5 ECTS**  
Within the educational programme **Applied Physics**

**Please note:**

- This enrollment is not yet final, we will inform you within two weeks whether you have been admitted.
- We will contact your current institution and process your enrollment.
- Don't forget to **inform you own exam committee** about your enrollment, you need to do this yourself! (tip: forward this email to them).

Kindest regards,  
Team electives  
TU/Eindhoven

**Course-information** (as available on this date on [bijvak.nl](http://bijvak.nl))

**Quick facts**

ECTS: 5  
Location: TU Eindhoven  
Startdate: September 21st 2020  
Language: Dutch

**About this course**

Our central theme is dilute matter at high phase space density. Our goal is exploiting quantum coherence. Our work is both theoretical and experimental, our tools include high power lasers and compact particle accelerators, our objectives are fundamental as well as applied.

**Expected learning outcomes**

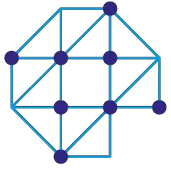
Apply principles to model and solve representative problems analytically and computationally, at an introductory level from the primary physical theories (classical mechanics, quantum mechanics, special relativity, thermodynamics, electromagnetism and optics), and at an advanced level in classical mechanics, electrostatics and optics/electrodynamics.

**Course requirements**

Students should have at least two years of academic education, a grade point average of 3.0 (US system) and show a relevant academic background in the proposed field of study. The guidelines to determine if a student has the relevant academic background are explained in the document Courses and Faculty Criteria.

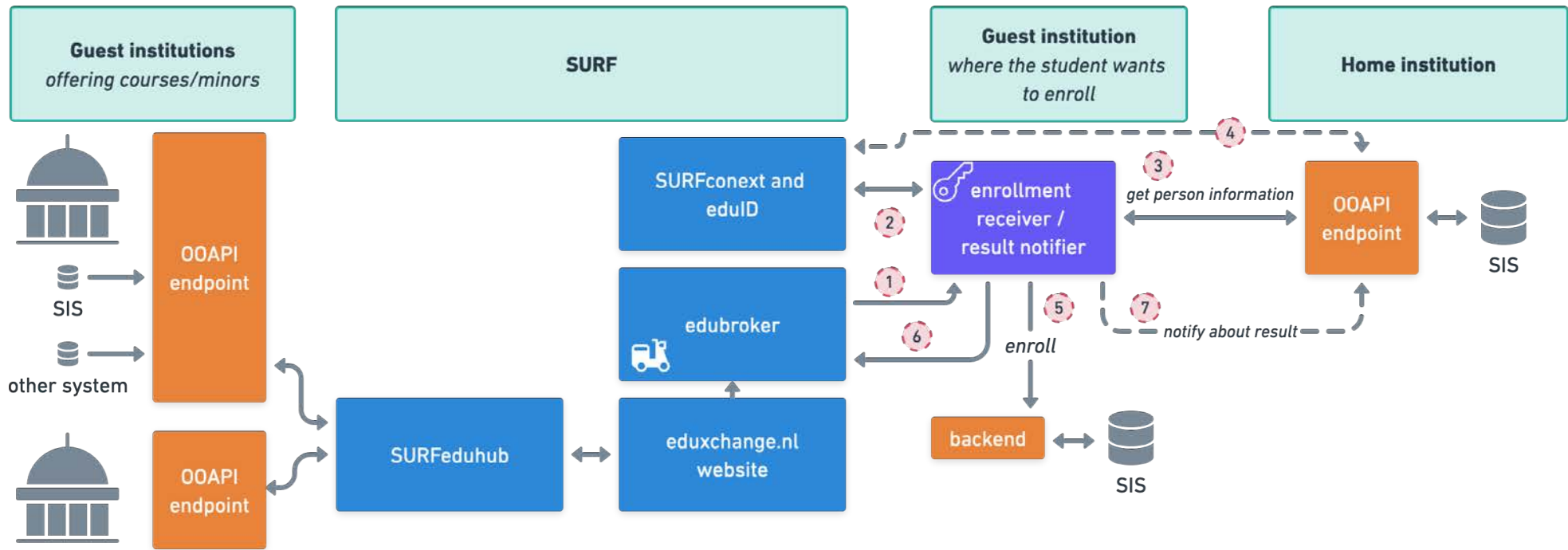
**Enrollment details**

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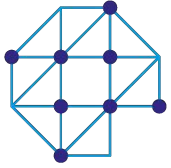


# Versnellingsplan Onderwijsinnovatie met ICT

flexibilisering







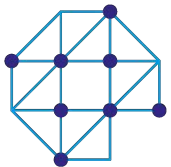
## Versnellingsplan Onderwijsinnovatie met ICT

flexibilisering

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### Gebruik tot nu toe

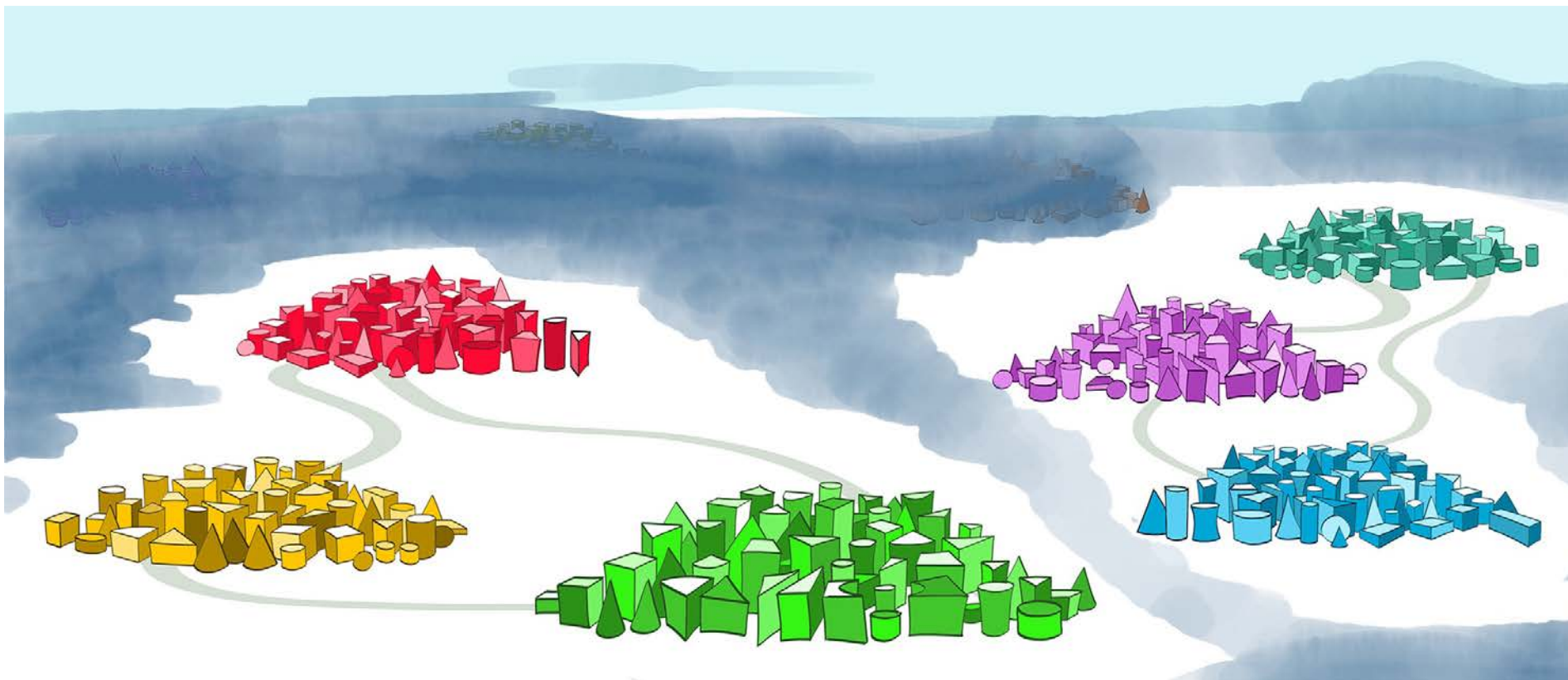
- 2021-2022: ruim 120 vakken aangeboden en 59 daadwerkelijke inschrijvingen
- 2022 – 2023: ruim 260 vakken aangeboden en tot nu toe 33 inschrijvingen
- Eerste resultaten zijn succesvol teruggekoppeld

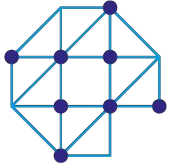


**Versnellingsplan**  
Onderwijsinnovatie  
met ICT

flexibilisering

# EduXchange 2.0: Erasmus, TU Delft en Leiden University





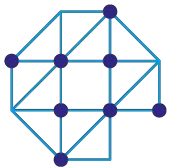
## Versnellingsplan Onderwijsinnovatie met ICT

flexibilisering

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### Belangrijkste uitdagingen

- 'Keep it simple'
- Generiek houden van de functionaliteit
- EduXchange zorgt met name voor informatie uitwisseling > Veel aanpassingen nodig aan de IT toepassing bij de instelling
- De interne organisatie erop aanhaken

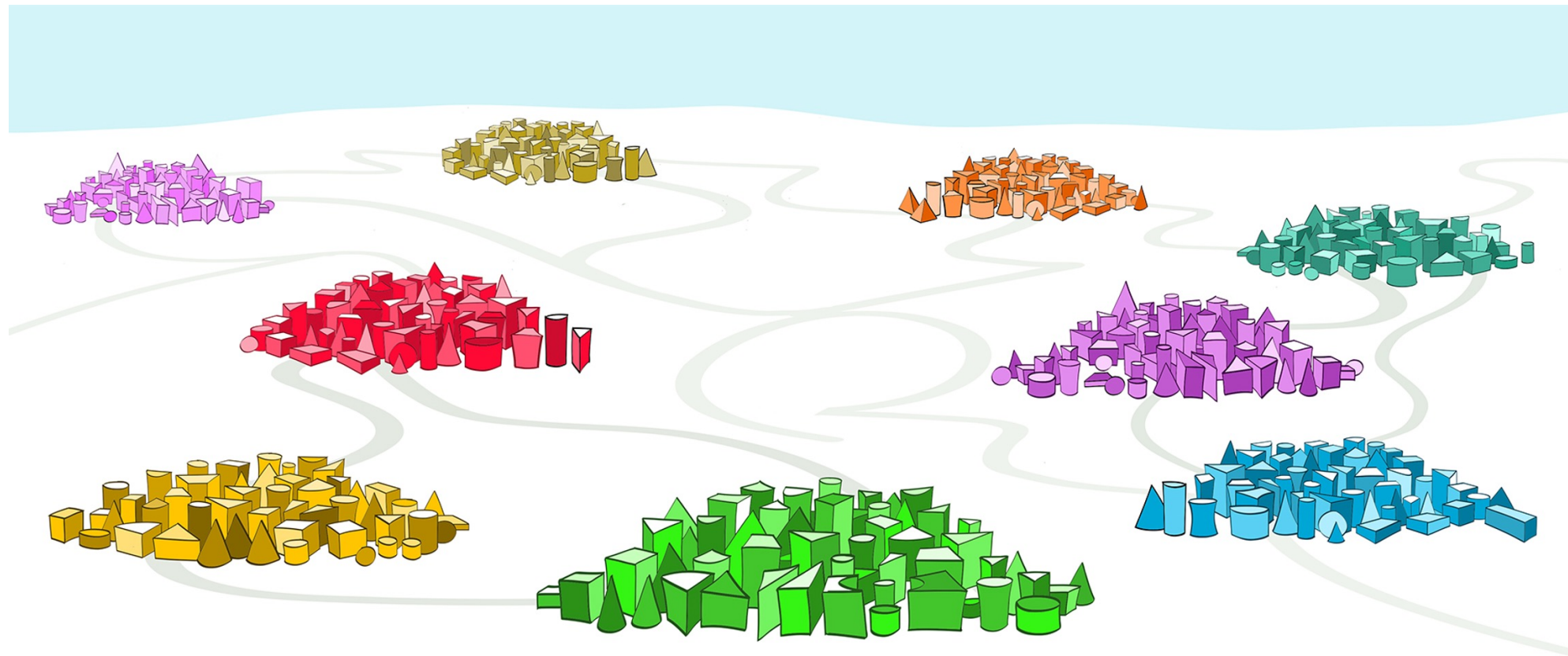


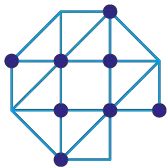
# Versnellingsplan Onderwijsinnovatie met ICT



flexibilisering

## Opschalen van EduXchange?

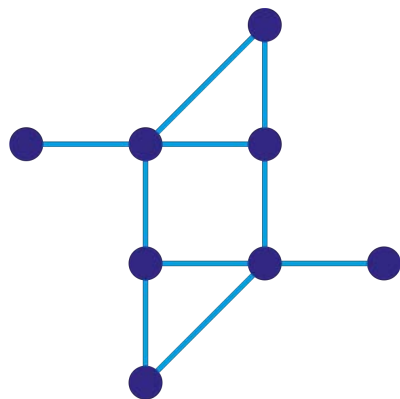




# Versnellingsplan Onderwijsinnovatie met ICT

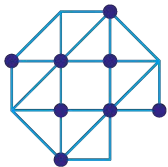
flexibilisering

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Vragen?





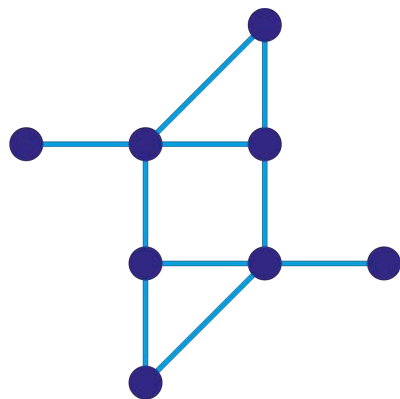
## Versnellingsplan Onderwijsinnovatie met ICT

flexibilisering

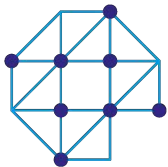
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## Stelling

*Flexibilisering is een trend.  
Daarnaast zijn de  
onderwijsinstellingen  
weerbaarstig en dit zal daarom  
de uitwisseling tussen  
instellingen niet rigourees  
veranderen*



Ik zie mijn eigen instelling  
niet snel aanhaken op deze  
ontwikkeling

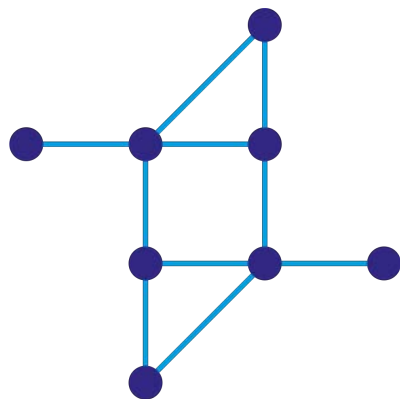


# Versnellingsplan Onderwijsinnovatie met ICT

flexibilisering

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## Stelling



De (door)ontwikkeling van  
EduXchange maakt een landelijke  
studiegids overbodig