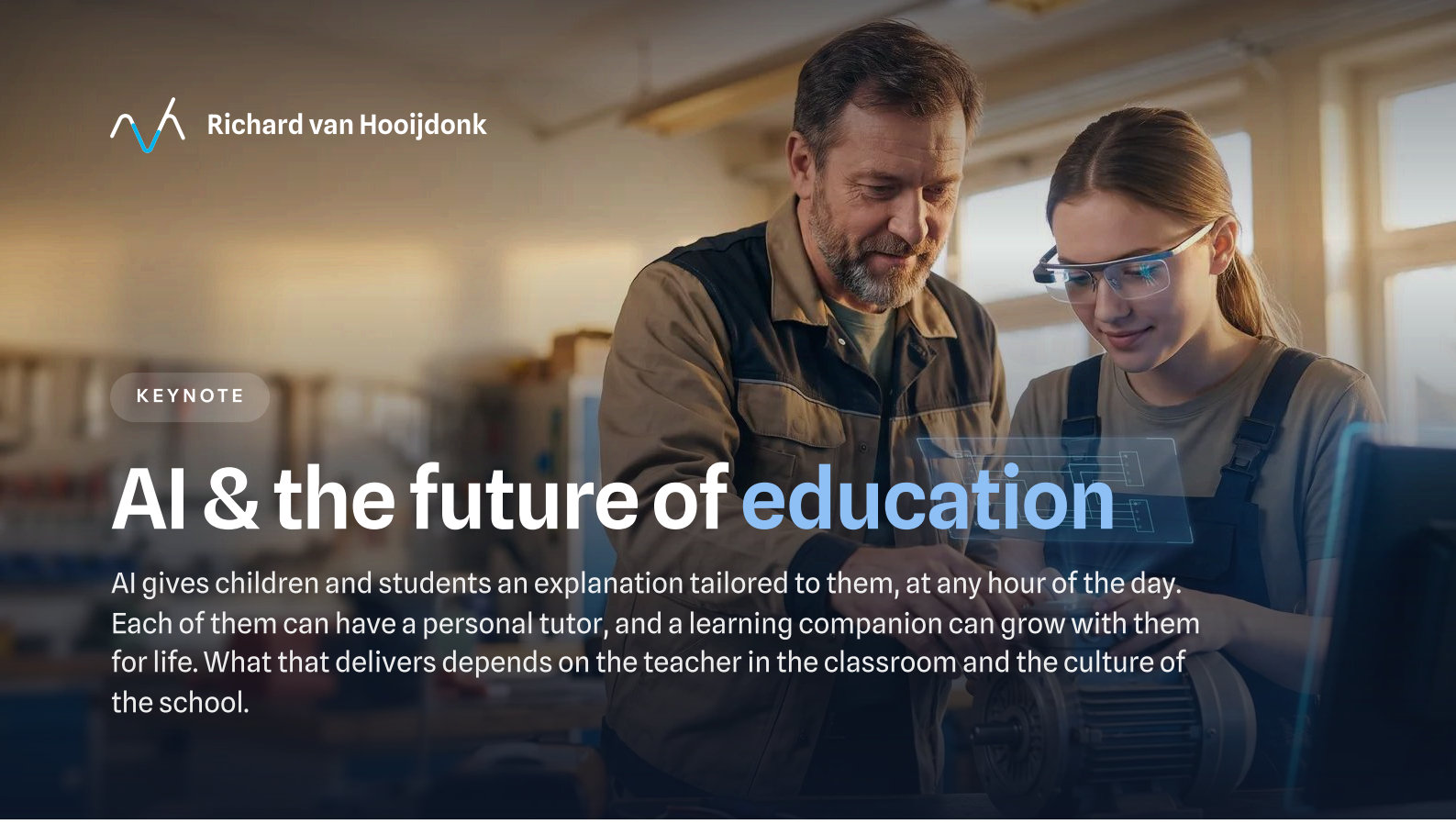


Richard van Hooijdonk

KEYNOTE

AI & the future of education

AI gives children and students an explanation tailored to them, at any hour of the day. Each of them can have a personal tutor, and a learning companion can grow with them for life. What that delivers depends on the teacher in the classroom and the culture of the school.

AI makes it possible to adapt teaching to every pupil. At the same time, it changes what we learn, how we learn and how teachers prepare young people for the world ahead.

In this keynote, trend watcher and futurist Richard van Hooijdonk sets out which work AI can take over or support in education, and which part remains the teacher's. He also shows what children and students will need to learn, and the role only education can play in preparing them for what comes next. Schools face teacher shortages and heavy workloads, while pupils carry AI on their phones long before the school has a policy for it. AI can make learning more personal and give teachers time back. An AI tutor explains and asks questions, adaptive platforms pick the next exercise, language models help with lesson preparation, and read-aloud software and translation let more children and students take full part. Adaptive learning and AI-made teaching material are already in use, and AI agents for student services are being trialled. Further ahead lies a different kind of education: a tutor for every child on earth, a learning companion that follows you through life, exams that merge into learning itself and lessons in worlds that AI builds in seconds. The keynote shows what works today and sketches scenarios for the next five to fifteen years. The technology is already here; time, training and new agreements decide how quickly schools put it to use. Which part of the teaching at your school could already work differently next term?



RICHARD VAN HOOIJDONK

Richard van Hooijdonk is a trend watcher, futurist and international keynote speaker. Many trend watchers and futurists look at the future from a distance. Richard van Hooijdonk lives in it. His team consists of people and AI agents, and he has several chips implanted in his body. He speaks about AI and new technology, the organisation of the future and leadership in the AI era. He takes you into a future you can barely picture today, and shows how you can steer it yourself.

3,000+	650,000+	30+	Bestselling
keynotes	participants	countries	author

What the keynote covers

NOW AI in education

What AI already does today in the classroom, the lecture hall and the back office.



01 The AI tutor

An AI tutor answers with a question instead of the solution. Next comes a tutor that looks at the exercise book and spots the mistake.



02 Adaptive learning

Platforms choose exercises based on mistakes. The next step is to predict which later topics may prove difficult and plan revision accordingly.



03 Teaching material made with AI

Teachers use AI to build lessons and simulations at three levels. Next: material that adapts during the lesson to whatever went wrong.



04 AI agents for school and student

IN PILOTS

AI agents answer queries and handle enrolments. Next: an AI agent that guides a student from application to graduation.



05 AI literacy as a subject

Children and students learn how AI works and think critically about it: they check what AI shows them and where it comes from.



06 Everyone can take part

AI reads aloud, translates and simplifies texts. In development: sign language that AI translates live, in both directions.



07 Spotting study problems early

From attendance and results, AI estimates the risk of dropping out, so a personal tutor can start the conversation in time.



08 Learning in VR and AR

IN PILOTS

Pupils and students explore a cell, practise welding or rehearse a difficult conversation. AI makes the simulation harder or easier.



09 Skills for the future

Employers expect around 39 per cent of core skills to change by 2030 (WEF). Schools shift from recalling facts to investigating and creating.

COMING NEXT The future of education

Where learning and teaching could stand in five to fifteen years, with AI as the engine.



10 A learning companion for life

FUTURE SCENARIO

One AI learning companion will grow with you, from primary school into retirement. It knows your learning history and sees what you need next.



11 Beyond formal qualifications

FUTURE SCENARIO

A living profile shows what you can do, updated with every project and every course. Your formal qualifications become entries in that profile.



12 The test that disappears

FUTURE SCENARIO

By around 2040, AI could assess pupils and students as they learn. The final exam becomes a discussion of what they have already shown.



13 Learning in worlds AI builds

FUTURE SCENARIO

In time, a teacher asks for a harbour in 1650 or a working cell, and AI builds it in seconds. The class walks through it wearing glasses.



14 Studying with an AI research team

FUTURE SCENARIO

A student can use AI agents for research that now takes a whole team, from literature review to experiment in a robot lab.



15 Learning in 2040

FUTURE SCENARIO

Brain signals, sensors and AI could tune learning to attention and memory. Some may be possible by 2040; some remains science fiction.

PEOPLE & ORGANISATION

The education organisation of the future

What AI asks of roles, teams, leadership and culture in schools, colleges and universities.



16 The AI-first organisation

AI takes over administration, timetables and predictive work. Teachers and other staff concentrate on teaching and guiding students.



17 New roles in education

New roles join learning coaches and AI coordinators: learning architects, companion supervisors and world builders who create virtual lessons.



18 Teacher and AI in one classroom

AI drills, repeats and analyses; the teacher judges and motivates. In time, they will see each morning which three pupils need attention that day.



19 Leadership in education

School leaders take the initiative on AI and new technology, and motivate teachers to build the school of tomorrow together.



20 Discovering AI together

After the ban comes discovery: pupils, students and teachers explore how AI changes learning, and sometimes the class teaches the teacher.



21 The future academy

Schools train their own people. What teachers discover in class with AI and new technology becomes course material in their own future academy.



22 The pupil as designer

With AI, pupils and students will design their own learning routes and projects. The teacher follows how their choices add up to the learning goals.



23 Growing with an ecosystem

Organisations, start-ups, scientists and governments design the work of tomorrow together, and learn from front-runners around the world.

THE OTHER SIDE

The other side: responsibility and risk

Learning data, and criminals who turn AI against children, students and schools.



24 Data as the foundation

AI works when data from every part of the organisation is available, reliable and connected. It is the foundation on which the whole institution can work with AI.



25 Crime around the school

Children and students need to recognise when things go wrong online and with AI: a cloned voice, a fake photo or a false login page.

DURATION
30, 45, 60 minutes or longer, with time for questions

LANGUAGE
Dutch or English

FORMAT
On location or online

FEE
On request

PLUS

"Richard succeeded excellently in waking up our leaders and setting them on the path to the future: after the lecture, discussions took place across various parts of the organisation about the topics covered, and initiatives have been set in motion."

Aart van Haren Managing director, PLUS

Deloitte.

"A dazzling journey through new technology. The enthusiasm and energy during his presentation, combined with the visuals, provided a successful kick-off to our event."

Patrick Steemers Partner, Deloitte

Interested in a keynote for your education event?

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