

Creating your own website

a beginners guide

Roel Tielen

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Today's talk

Goal

Provide a step-to-step guide to set-up your own website and put it online without:

- becoming an HTML expert (**easy**)
- spending weeks on the perfect design (**fast**)
- having to pay for it (**cheap**)


Have you ever googled . . . your supervisor?

Matthias Möller

Research Projects Software Publications Presentations Teaching Biography

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Background




Matthias Möller is assistant professor in the [Department of Applied Mathematics](#) section [Numerical Analysis](#) at [TU Delft](#). He is working in the interdisciplinary field of Computational Science and Engineering (CSE), which brings together applied mathematics, computer sciences, and engineering disciplines to solve challenging real-world problems. Research in this rapidly developing multidisciplinary field at TU Delft is clustered in the [TU Delft Institute for Computational Science and Engineering \(DCSE\)](#).

Matthias' main research interests are [finite element methods and isogeometric analysis](#) for computational fluid dynamic problems with particular emphasis on [high-resolution adaptive schemes](#) and [fast solvers](#) for compressible flows and transport problems. Beside the development and analysis of numerical schemes he is also interested in their efficient implementation on [heterogeneous multi- and manycore systems and accelerators](#). His interest in next-generation computing technologies let him to start research on quantum computing and, in particular, [quantum-accelerated numerical linear algebra](#). Since recently Matthias is actively working in the field of hybrid mesh-particle methods, with special emphasis on the [material point method](#), which could be extended towards higher-order approximations by using ideas from isogeometric analysis.

Latest News

2021-01-22: Proceedings of IGAA 2018 out now



Today, I received the first copies of our book *Isogeometric Analysis and Applications 2018*. The conference proceedings are published in Springer's esteemed Lecture Notes in Computational Science and Engineering series as volume [133](#). Thanks to the Springer publishing team and the authors of all contributions!

2021-01-21: Second paper in 2021 got accepted

Our recent paper entitled Accuracy and Scalability: Combining Isogeometric Analysis

Motivation

Have you ever googled . . . yourself?

The screenshot shows a web browser displaying the profile page for R.P.W.M. Tielen MSc on the TU Delft website. The browser's address bar shows the URL: <https://www.tudelft.nl/over-de-faculteit/afdelingen/applied-mathematics/numerical-analysis/people/?id=152>. The page header includes the TU Delft logo and navigation links for DIAM, Education, Research, DCSE, People, Events, Alumni, and English. The breadcrumb trail reads: EMW > Over de faculteit > Afdelingen > Applied Mathematics > Numerical Analysis > People > R. Tielen. The profile section features the name "R.P.W.M. Tielen MSc" and two expandable sections: "publicaties" and "nevenwerkzaamheden". A "Contact" box on the right lists a phone number (+31 15 27 83631), an email address (R.P.W.M.Tielen@tudelft.nl), and a location (28.3.W920), along with links to "Elektronische Wetkunde en Informatica", "Toegepaste Wetkunde", and "Numerieke Wetkunde". The "Short CV:" section lists academic and professional roles from 2010 to the present, including a PhD student position at TU Delft, a Research Assistant position at the University of Stuttgart, and a Master Science Education and Communication position at TU Delft. The "Research interest:" section mentions "Material Point Method (MPM), isogeometric Analysis." At the bottom, there are social media icons for Facebook, LinkedIn, Twitter, and YouTube.

Why would you want a personal website?

Because:

- It increases your visibility as a researcher
- You can use it as a personal portfolio
- There is complete freedom in content and lay-out
- It's simply nice to have one!

Today's roadmap

In this talk, we will focuss on the following aspects:

- 1 Choose your favourite template
- 2 Adjust content to own preferences
- 3 Put everything online

Choosing a template

Advantages

- No HTML expertise required
- Constructing the website only takes hours
- Downside: Less freedom in layout

Links

- <https://www.html5webtemplates.co.uk/>
- <https://freewebsitetemplates.com/>
- etc.

Choosing a template

The screenshot shows a website template titled 'simplestyle_8' with a dark background and light text. The navigation menu includes 'Home', 'Examples', 'A Page', and 'Another Page'. The main content area is divided into several sections:

- Contact Us**: A section titled 'Welcome to the simplestyle_8 template' with a sub-header 'Contact Us'. It contains text about the template's compliance with standards and its availability as an 'open source' design. A link 'Read more' is provided.
- Browser Compatibility**: A section titled 'Browser Compatibility' with a sub-header 'This template has been tested in the following browsers:'. It lists several browsers: Internet Explorer 6, Internet Explorer 7, Firefox 3.5, Google Chrome 6, and Safari 4.
- Latest News**: A section titled 'Latest News' with a sub-header 'What's the news?'. It contains text about the latest news and a link 'Read more'.
- Newsletter**: A section titled 'Newsletter' with a sub-header 'If you would like to receive our newsletter, please enter your email address and click "Subscribe"'. It features a text input field for 'Your email address' and a 'Subscribe' button.
- Latest Blog**: A section titled 'Latest Blog' with a sub-header 'Newest Blog Post'. It contains text about the latest blog post and a link 'Read more'.

At the bottom of the page, there is a copyright notice: 'Copyright © simplestyle_8 | HTML5 | CSS | design from HTML5webtemplates.co.uk'.

Adjusting the template

File structure

Each template can be downloaded as a ZIP file and consists of the following:

- HTML files (Home, Examples, etc.)
- Stylesheet (.css file)
- READ ME file

Adjusting the template

Usefull commands

- Plain text:
`< p > ... < /p >`
- (sub)titles:
`< h1 > ... < /h1 >`
- Comments:
`< ! - - ... - - >`
- Refer to other website:
`< a href = " URL " > WORD < /a >`

General advice: Learn on the job!

Adjusting the template

Style sheet (.css)

- Provides the general layout of the webpage
- Font(size), colors, etc.
- Can be adjusted to personal preferences



Put everything online

There are two easy ways to get your website online:

- 1 Github pages
- 2 Webserver of our department

Github pages

- Github account required
- One website for each account

- 1 Create repository:
username.github.io
- 2 git clone
https://github.com/username/username.github.io
- 3 git add, commit and push
- 4 URL for website:
https://username.github.io.

- Available for every employee (using Linux...)
- *http : //ta.twi.tudelft.nl/nw/users/My_Name*

- 1 Create folder in */nw/users/*
- 2 Put all the files in the folder
- 3 URL for website:
http://ta.twi.tudelft.nl/nw/users/My_Name/

Advantages

- As easy as creating a folder
- No Github account required
- tudelft in your URL...

Disadvantages

- Only for Linux users
- How about your life after TU Delft?
- Limited access from some countries!

Your own website!

The screenshot shows a personal website for Roel Tielen. The page has a dark background with a grid pattern. At the top, the name "Roel Tielen" is displayed in a large, white, sans-serif font. Below the name is a navigation menu with five items: "Home" (highlighted in orange), "Research", "Publications", "Conferences", and "Biography".

The main content area is divided into sections. The "Background" section contains a paragraph: "Roel Tielen is a PhD researcher in the department of Applied Mathematics, section Numerical Analysis of TU Delft. He is working in the field of Isogeometric Analysis (IgA) with applications in the Material Point Method (MPM). Furthermore, his research focusses on efficient solvers for IgA, in particular p-multigrid methods." Below this, it states: "His supervisor is Dr. Matthias Möller and Prof. Kees Vuik is his promotor."

The "Contact" section lists the following information: "Delft University of Technology", "Department of Applied Mathematics", "Van Mourik Broekmanweg 6", "2628 XE Delft", "The Netherlands". It also includes contact details: "W3.920", "+31 (0)15 27 83631", and "r.p.w.m.tielen(at)tudelft.nl".

On the right side of the page, there is a photograph of Roel Tielen, a man with glasses wearing a blue t-shirt with the text "STAGE OFFLINE THE DUTY". The photo is pinned to the page with a white paperclip icon.

At the bottom of the page, a copyright notice reads: "Copyright © simplestyle_8 | HTML5 | CSS | design from HTML5webtemplates.co.uk".