

The UOW Beamer Theme

Thomas M. Griffiths

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1 About

This theme ports the UOW Power Point templates over to Beamer, a \LaTeX class for presentations. The template has been set up so that the layout for the entire presentation is selected and the slides are formatted as appropriate, individual slides cannot be themed at this stage. See section 3 for examples. Each layout can be coloured with the UOW Branding colours, which are available also for the user to use as colours for objects in their presentation. The entire theme consists of eight files in total: five files, a demo and two logos.

- `beamerthemeuow.sty`,
- `beamerfontthemeuow.sty`,
- `beamerinnerthemeuow.sty`,
- `beamercolorthemeuow.sty`,
- `beamerfontthemeuow.sty`,
- `demo.tex`,
- `UOW_mono.pdf` and
- `UOW_mono_inverted.pdf`.

The author maintains the code for this Beamer theme on [GitHub](#). If you have any comments or suggestions please get in touch there.

2 Usage

To use the theme in your presentation simply place the files in the working directory of your latex document. In your document load the theme via:

```
\documentclass{beamer}
\usetheme[key=value, key=value]{uow}
```

Note, that the `key=value` entries are optional. For an explanation of each `key` and `value` see section 3. The defaults values for the theme are `themecolor=blue`, `layout=standard` and `framenumbering=none`; these are what will be loaded if no options are specified with `\usetheme{uow}`.

All the standard options for a beamer class; aspect ratio, fontsize etc. are still available. To get the two slide ratios offered by the UOW Power Point theme use the













following options for the *document class*: `aspectratio=43` for a 4:3 aspect ratio, and `aspectratio=169` for a 16:9 aspect ratio. For an example presentation compile `demo.tex`.

This theme is currently *not* distributed via CTAN. It is only available via download from UOW, or you may download, clone or fork the repository on [Github](#)¹. Distribution by CTAN may be implemented in the future.

3 Package Options

`themecolor` or `themecolour`

Each of the colours outlined in the UOW brand identity guideline are available as colours for the presentation. The key `themecolor` (or `themecolour`) sets the colour of the polygons and elements in the UOW theme. These colours can be used in the document to colour any element by calling the colour, for example as an argument to `\color{UOWred}`, by prefixing the name of the key with 'UOW', e.g. UOWblue.

Key Value	Colour Name	RGB Tuple	
<code>black</code>	UOWblack	0, 0, 0	
<code>grey</code> or <code>gray</code>	UOWgrey	69, 85, 95	
<code>darkred</code>	UOWdarkred	195, 18, 48	
<code>red</code>	UOWred	238, 64, 52	
<code>pink</code>	UOWpink	238, 0, 139	
<code>orange</code>	UOWorange	243, 121, 32	
<code>gold</code> or <code>yellow</code>	UOWgold	253, 184, 19	
<code>limegreen</code>	UOWlimegreen	183, 198, 38	
<code>darkgreen</code> or <code>green</code>	UOWdarkgreen	0, 146, 94	
<code>blue</code> (default)	UOWblue	0, 149, 214	
<code>darkblue</code>	UOWdarkblue	0, 83, 154	
<code>purple</code>	UOWpurple	74, 47, 142	

`layout`

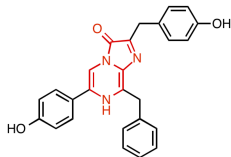
In the Microsoft Power point implementation there are three main frame styles. One with a solid colour for the background of the slide and a thin white polygon at the base

¹https://github.com/tmgriffiths/UOW_Beamer

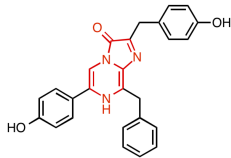
containing the UOW brandmark. A style that is the inverse of this, a white background with coloured polygon. And a third eco style with a white background and an just the outline of the polygon at the base of the slide. Individual slides can't be themed at this stage. Instead there are eight logical² layouts included in this theme. These options should encompass most sensible arrangements of slides. Each of the options are shown below with the default blue colour.

If you don't have a title page you can turn off the different layout for the first slide with the `titlepage=false` or `none`, the default is `true`. When you turn off the title page all slides will then look like the second of the two images below.

standard default

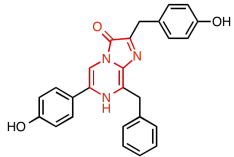
<p>THE PRESENTATION TITLE</p> <p>A nice little subtitle</p> <p>Thomas M Griffiths School of Chemistry</p> <p>UNIVERSITY OF WOLLONGONG AUSTRALIA</p>	<p>Coelenterazine, Check it!</p> <div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <ol style="list-style-type: none"> 1. Imidazopyrazinone backbone (in red). 2. Most common substrate in marine bioluminescence. 3. Proposed antioxidant capabilities. 4. Unknown uptake or synthetic pathway in nature. 5. $y = mx + b$ is some example mathematics. </div> <div style="flex: 1; text-align: center;">  </div> </div> <p>UNIVERSITY OF WOLLONGONG AUSTRALIA</p>
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minimaltitle

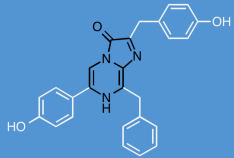
<p>THE PRESENTATION TITLE</p> <p>A nice little subtitle</p> <p>Thomas M Griffiths School of Chemistry</p> <p>UNIVERSITY OF WOLLONGONG AUSTRALIA</p>	<p>Coelenterazine, Check it!</p> <div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <ol style="list-style-type: none"> 1. Imidazopyrazinone backbone (in red). 2. Most common substrate in marine bioluminescence. 3. Proposed antioxidant capabilities. 4. Unknown uptake or synthetic pathway in nature. 5. $y = mx + b$ is some example mathematics. </div> <div style="flex: 1; text-align: center;">  </div> </div> <p>UNIVERSITY OF WOLLONGONG AUSTRALIA</p>
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²Well, seemingly logical layouts in the authors mind.

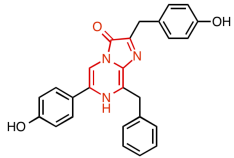
minimal

<p>THE PRESENTATION TITLE</p> <p>A nice little subtitle</p> <p>Thomas M Griffiths School of Chemistry</p> <p>UNIVERSITY OF WOLLONGONG AUSTRALIA</p>	<p>Coelenterazine, Check it!</p> <ol style="list-style-type: none">1. Imidazopyrazinone backbone (in red).2. Most common substrate in marine bioluminescence.3. Proposed antioxidant capabilities.4. Unknown uptake or synthetic pathway in nature.5. $y = mx + b$ is some example mathematics. 
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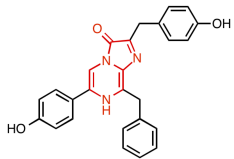
bold

<p>THE PRESENTATION TITLE</p> <p>A nice little subtitle</p> <p>Thomas M Griffiths School of Chemistry</p> <p>UNIVERSITY OF WOLLONGONG AUSTRALIA</p>	<p>Coelenterazine, Check it!</p> <ol style="list-style-type: none">1. Imidazopyrazinone backbone (in black).2. Most common substrate in marine bioluminescence.3. Proposed antioxidant capabilities.4. Unknown uptake or synthetic pathway in nature.5. $y = mx + b$ is some example mathematics. 
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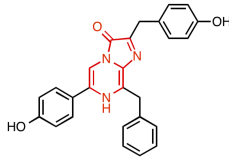
boldplain

<p>THE PRESENTATION TITLE</p> <p>A nice little subtitle</p> <p>Thomas M Griffiths School of Chemistry</p> <p>UNIVERSITY OF WOLLONGONG AUSTRALIA</p>	<p>Coelenterazine, Check it!</p> <ol style="list-style-type: none">1. Imidazopyrazinone backbone (in red).2. Most common substrate in marine bioluminescence.3. Proposed antioxidant capabilities.4. Unknown uptake or synthetic pathway in nature.5. $y = mx + b$ is some example mathematics. 
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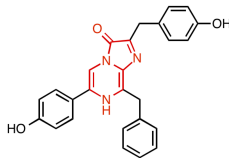
eco

<p>THE PRESENTATION TITLE</p> <p>A nice little subtitle</p> <p>Thomas M Griffiths School of Chemistry</p> <p>UNIVERSITY OF WOLLONGONG AUSTRALIA</p>	<p>Coelenterazine, Check it!</p> <ol style="list-style-type: none">1. Imidazopyrazinone backbone (in red).2. Most common substrate in marine bioluminescence.3. Proposed antioxidant capabilities.4. Unknown uptake or synthetic pathway in nature.5. $y = mx + b$ is some example mathematics. 
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ecominimal

<p>THE PRESENTATION TITLE</p> <p>A nice little subtitle</p> <p>Thomas M Griffiths School of Chemistry</p> <p>UNIVERSITY OF WOLLONGONG AUSTRALIA</p>	<p>Coelenterazine, Check it!</p> <ol style="list-style-type: none">1. Imidazopyrazinone backbone (in red).2. Most common substrate in marine bioluminescence.3. Proposed antioxidant capabilities.4. Unknown uptake or synthetic pathway in nature.5. $y = mx + b$ is some example mathematics. 
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plain

<p>THE PRESENTATION TITLE</p> <p>A nice little subtitle</p> <p>Thomas M Griffiths School of Chemistry</p>	<p>Coelenterazine, Check it!</p> <ol style="list-style-type: none">1. Imidazopyrazinone backbone (in red).2. Most common substrate in marine bioluminescence.3. Proposed antioxidant capabilities.4. Unknown uptake or synthetic pathway in nature.5. $y = mx + b$ is some example mathematics. 
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titlepage

As explained above, this turns the different background for the first slide on or off depending whether or not you're going to use a title page slide. The options are **true** (default), **false** and **none**. Each option is fairly self explanatory.

sectionslide

<p>SECTION SLIDES</p>	<p>SECTION SLIDES</p> <p>Section slides are typeset for each <code>\section{Section Title}</code>. The section macro can be given inside a frame, as it is in this case. This allows you to place other material on the slide, e.g. a summary. If <code>\section{Section Title}</code> is given outside a frame environment then a standalone slide is typeset. See next slide for an example.</p> <p>The line underneath is a progress bar. The progress section will be the <code>themecolour</code> set when loading the theme. Two compilations are needed to count the number of slides to calculate the correct length of the coloured segment.</p>
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progressbar or true default

Section slides are typeset for each `\section{}`. The section macro can be given inside or outside of a frame environment. If `\section{}` is given outside a frame environment

then a standalone slide is typeset (above left). Calling the `\section{}` inside a frame environment allows you to place other material on the slide, e.g. a summary or mini table of contents (above right). The line under the section title is a progress bar. The coloured bar on the left will be the `themecolor` of the current presentation, and is proportional to the amount of the presentation that has passed to that point.

`none or false`

No `\section{}`'s will be typeset. If you have sections in your presentation you don't need to remove them if you use this option, they simply won't be typeset. Stand-alone slides will be removed and any `\section{}`'s inside frames won't be typeset. Any extra content inside a frame along with a `\section{}`'s command will still be visible when using this option.

`framenumbering`

You can turn on numbering of the slides with this key. The numbers are placed in the bottom right corner of the slides. It does not make much sense to use this option with the `standard`, `bold`, `minimaltitle` and `eco` layouts. I may patch this at a later date to place the slide numbers in a different location in these cases, such as the top right corner. For now it is up to the users discretion to use this appropriately.

`counter`

A plain arabic numeral in the bottom right corner of the slide to show the slide number.

`fraction`

A fraction of the page number and the total number of slides separated by a solidus, for example: 3/10.

`none default`

No page numbering. This is the default option.

4 Legal

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³<http://www.latex-project.org/lppl/lppl-1-3c.txt>

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5 Change Log

If you spot any errors or bugs, or alternately you have any requests for an addition let me know.

Version 1.1, 2015-08-25, tmgriffiths

Added sectionslide key and section slides.

Version 1.0, 2015-07-23, tmgriffiths

It's day dot. Nothing to added or removed. It just is.

⁴<http://www.uow.edu.au/about/brand/uowlogo/index.html>

⁵<http://creativecommons.org/licenses/by-nc-sa/4.0/>

⁶<https://github.com/matze/mtheme>