

Accessibility Statement for IET websites

This is an accessibility statement from the Institution of Engineering and Technology (The IET). This statement covers the following site(s):

| Site name | Most recent automated testing score |
|---|-------------------------------------|
| Events: Quantum Engineering | 85.9 |
| Site URL | Last reviewed date |
| https://quantumengineering.theiet.org | 25/09/2024 |

This statement and its format were created using the Tool. See also: <https://www.gov.uk/government/publications/sample-accessibility-statement/sample-accessibility-statement-for-a-fictional-public-sector-website>

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Measures to support accessibility

The IET wants as many people as possible to be able to use its websites. In this site you should be able to:

- change colours, contrast levels and fonts
- zoom in up to 200% without the text spilling off the screen
- navigate most of the website using just a keyboard
- navigate most of the website using speech recognition software
- listen to most of the website using a screen reader (including the most recent versions of JAWS, NVDA and VoiceOver)

We also aim to make text as easy as possible to understand, although some of our content is necessarily of a technical nature.

The IET aims to ensure accessibility of its websites by:

- including accessibility in our internal policies
- integrating accessibility into our procurement practices
- having clear accessibility goals and accountabilities
- continuously monitoring our sites for accessibility conformance

[AbilityNet](#) provides advice on making your device easier to use if you have a disability.

Technical specifications

Accessibility of IET websites relies on the following technologies to work with the web browser, and any assistive technologies or plugins, installed on your computer:

- HTML
- WAI-ARIA
- CSS
- SVG
- JavaScript

These technologies are relied upon for conformance with our stated accessibility standards.

Compatibility with browsers and assistive technology

Our sites are designed to be compatible with the following technologies:

- Current and recent versions of Chrome, Edge, Firefox and Safari browsers on Windows, MacOS, Android and iOS operating systems.

Conformance status

The [Web Content Accessibility Guidelines \(WCAG\)](#) defines requirements for designers and developers to improve accessibility for people with disabilities. This site is partially conformant with WCAG 2.2 level AAA. Partially conformant means that some features or content do not fully conform to the accessibility standard.

WAI-ARIA markup is used in most components.

Automated monitoring of conformance with accessibility standards, including WCAG 2.2, currently records a score of 85.9 for this site; details can be found below.

Assessment approach

The IET assesses the accessibility these sites using the following approaches:

- self-evaluation (manual audits, automated monitoring)
- external evaluation (engaging external agencies to review specific sites)

Limitations and alternatives

Despite our ongoing efforts to ensure accessibility of our sites, there are some limitations. Below is a description of known issues, and potential solutions. This list is unlikely to be exhaustive; please contact us (see details above) if you observe an accessibility issue not described here.

Issues

The following issues have been reported by our automated monitoring tool and need addressing.

| Issues | Conformance | Success criteria | Abilities affected |
|---|------------------------------|---|-----------------------------|
| Colour contrast does not meet enhanced requirement | AAA | 1.4.6: Contrast (Enhanced) | Colour perception, Vision |
| Interactive element does not meet enhanced size | AAA | 2.5.5: Target Size (Enhanced) | Mobility |
| Line height is below minimum value | AAA | 1.4.8: Visual Presentation | Cognition, Reading |
| Interactive element does not meet minimum size nor spacing | AA | 2.5.8: Target Size (Minimum) | Mobility |
| Link missing a text alternative | A | 2.4.4: Link Purpose (In Context), 2.4.9: Link Purpose (Link Only), 4.1.2: Name, Role, Value | Cognition, Mobility, Vision |
| Headings are not structured | Accessibility best practices | Accessibility best practices | Cognition, Vision |

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|---|------------------------------|------------------------------|----------------------------|
| Skip to main content link is missing | Accessibility best practices | Accessibility best practices | Mobility, Vision |
| Required ARIA attribute is missing | A | 4.1.2: Name, Role, Value | Vision |
| Text not included in an ARIA landmark | WAI-ARIA authoring practices | WAI-ARIA authoring practices | Vision |
| Page does not start with a level 1 heading | Accessibility best practices | Accessibility best practices | Vision |
| Content missing after heading | Accessibility best practices | Accessibility best practices | Cognition |
| Inline frame missing a text alternative | A | 4.1.2: Name, Role, Value | Vision |
| Page language has not been identified | A | 3.1.1: Language of Page | Vision |
| Page missing a title | A | 2.4.2: Page Titled | Cognition, Vision |
| Font size is fixed | AAA | 1.4.8: Visual Presentation | Cognition, Reading, Vision |
| Line height is fixed | AAA | 1.4.8: Visual Presentation | Cognition, Reading, Vision |
| Page missing headings | Accessibility best practices | Accessibility best practices | Cognition, Vision |

Potential issues

The following issues have been reported by our automated monitoring tool and need further investigation

| Potential issues | Conformance | Success criteria | Abilities affected |
|---|-------------|---------------------------|---------------------------|
| Is it clear which page element has focus from the keyboard? | AA | 2.4.7: Focus Visible | Cognition, Mobility |
| Is there a minimum contrast ratio between the text and background? | AA | 1.4.3: Contrast (Minimum) | Colour perception, Vision |

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|---|------------------------------|------------------------------|---------------------------|
| Do page sections with the same name serve the same purpose? | WAI-ARIA authoring practices | WAI-ARIA authoring practices | |
| Is there an enhanced contrast ratio between the text and background? | AAA | 1.4.6: Contrast (Enhanced) | Colour perception, Vision |
| Is it possible to skip straight to the main content? | Accessibility best practices | Accessibility best practices | Mobility, Vision |

Interactive functionality

Further manual investigation will be required to evaluate the more complex interactive elements of the site.

Formal approval of this accessibility statement

This Accessibility Statement is approved by:

Stewart Love

Head of Digital Services

The IET

Feedback and formal complaints

We're working continuously to improve the accessibility of our sites. If you find any problems not listed on this page or think we're not meeting accessibility requirements, please let us know:

- Phone: +44 (0)1438 313311
- Email: webmaster@theiet.org
- Post: The IET, Futures Place, Six Hills Way, Stevenage SG1 2UA
- X/Twitter: @TheIET

Appendix 1 – Detailed breakdown of compliance score

| Conformance | Issue name | Issue score |
|-------------|---|-------------|
| A | Links are not clearly identifiable | 100/100 |
| A | Table header cell is missing a header role | 100/100 |
| A | Table cell missing context | 100/100 |
| A | Page missing a title | 72.11/100 |
| A | Image missing a text alternative | 100/100 |
| A | Page language has not been identified | 72.11/100 |
| A | Page language not recognised | 100/100 |
| A | Page language tags don't match | 100/100 |
| A | Form field missing a label | 100/100 |
| A | Page refreshes or redirects without warning (within 20 hours) | 100/100 |
| A | Link missing a text alternative | 66.6/100 |
| A | Button missing a text alternative | 100/100 |
| A | Inline frame missing a text alternative | 28.76/100 |
| A | Visible label and accessible name do not match | 100/100 |
| A | Multiple inline frames with the same text alternative | 100/100 |
| A | Required ARIA attribute is missing | 19.02/100 |
| A | Hidden element has focusable content | 100/100 |
| A | Video missing captions | 100/100 |
| A | Image button missing a text alternative | 100/100 |

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|-----------|--|---------|
| A | Audio missing a transcript | 100/100 |
| A | Video without audio missing an accessible alternative | 100/100 |
| A | Video with audio missing an accessible alternative | 100/100 |
| A | Image file name is not an appropriate text alternative | 100/100 |
| A | Role not inside the required context | 100/100 |
| A | Vector image missing a text alternative | 100/100 |
| A | Table headers aren't referenced correctly | 100/100 |
| A | No data cells assigned to table header | 100/100 |
| A | Audio plays automatically and can't be switched off | 100/100 |
| A | Field input error is not announced in full | 100/100 |
| A | Object missing a text alternative | 100/100 |
| A | Empty headings | 100/100 |
| A | Role with implied hidden content has keyboard focus | 100/100 |
| A | Decorative image is exposed to assistive technologies | 100/100 |
| A | Container element is empty | 100/100 |
| A | Links in the same context with the same text alternative | 100/100 |
| A | Scrollable element is not keyboard accessible | 100/100 |
| A | Menu item missing a text alternative | 100/100 |
| A | All roles are invalid | 100/100 |
| AA | Keyboard focus indicator is missing | 100/100 |

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| AA | Content language not recognised | 100/100 |
| AA | Autocomplete does not work as intended | 100/100 |
| AA | Video missing an audio-description | 100/100 |
| AA | Page orientation is locked | 100/100 |
| AA | Page zoom is restricted | 100/100 |
| AA | Colour contrast does not meet minimum requirement | 100/100 |
| AA | Letter spacing does not meet minimum requirement | 100/100 |
| AA | Text is clipped when resized | 100/100 |
| AA | Word spacing does not meet minimum requirement | 100/100 |
| AA | Line height does not meet minimum requirement | 100/100 |
| AA | Interactive element does not meet minimum size nor spacing | 64.24/100 |
| AAA | Links on the same page with the same text alternative | 100/100 |
| AAA | Colour contrast does not meet enhanced requirement | 74.55/100 |
| AAA | Uneven spacing in text | 100/100 |
| AAA | Line height is below minimum value | 44.04/100 |
| AAA | Font size is fixed | 73.16/100 |
| AAA | Line height is fixed | 73.16/100 |
| AAA | Page refreshes or redirects without warning | 100/100 |
| AAA | Interactive element does not meet enhanced size | 1.75/100 |
| WAI-ARIA authoring practices | ARIA attribute unsupported or prohibited | 100/100 |
| WAI-ARIA authoring practices | Invalid state or property | 100/100 |

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|-------------------------------------|--|-----------|
| WAI-ARIA authoring practices | ARIA attribute does not exist | 100/100 |
| WAI-ARIA authoring practices | Page region missing an accessible name | 100/100 |
| WAI-ARIA authoring practices | Page sections with the same name do not serve the same purpose | 100/100 |
| WAI-ARIA authoring practices | Text not included in an ARIA landmark | 3.64/100 |
| Accessibility best practices | HTML element is deprecated or obsolete | 100/100 |
| Accessibility best practices | Skip to main content link is missing | 31.4/100 |
| Accessibility best practices | Content missing after heading | 60.17/100 |
| Accessibility best practices | Improper use of preformatted text element | 100/100 |
| Accessibility best practices | Some roles are invalid | 100/100 |
| Accessibility best practices | Headings are not structured | 31.34/100 |
| Accessibility best practices | Page missing headings | 72.11/100 |
| Accessibility best practices | Grouped form controls missing an accessible name | 100/100 |
| Accessibility best practices | Page does not start with a level 1 heading | 8.37/100 |
| Accessibility best practices | Text in all caps | 100/100 |
| Accessibility best practices | Font size is too small | 100/100 |
| Accessibility best practices | Overuse of italics | 100/100 |
| Accessibility best practices | Presentational element is exposed to assistive technologies | 100/100 |