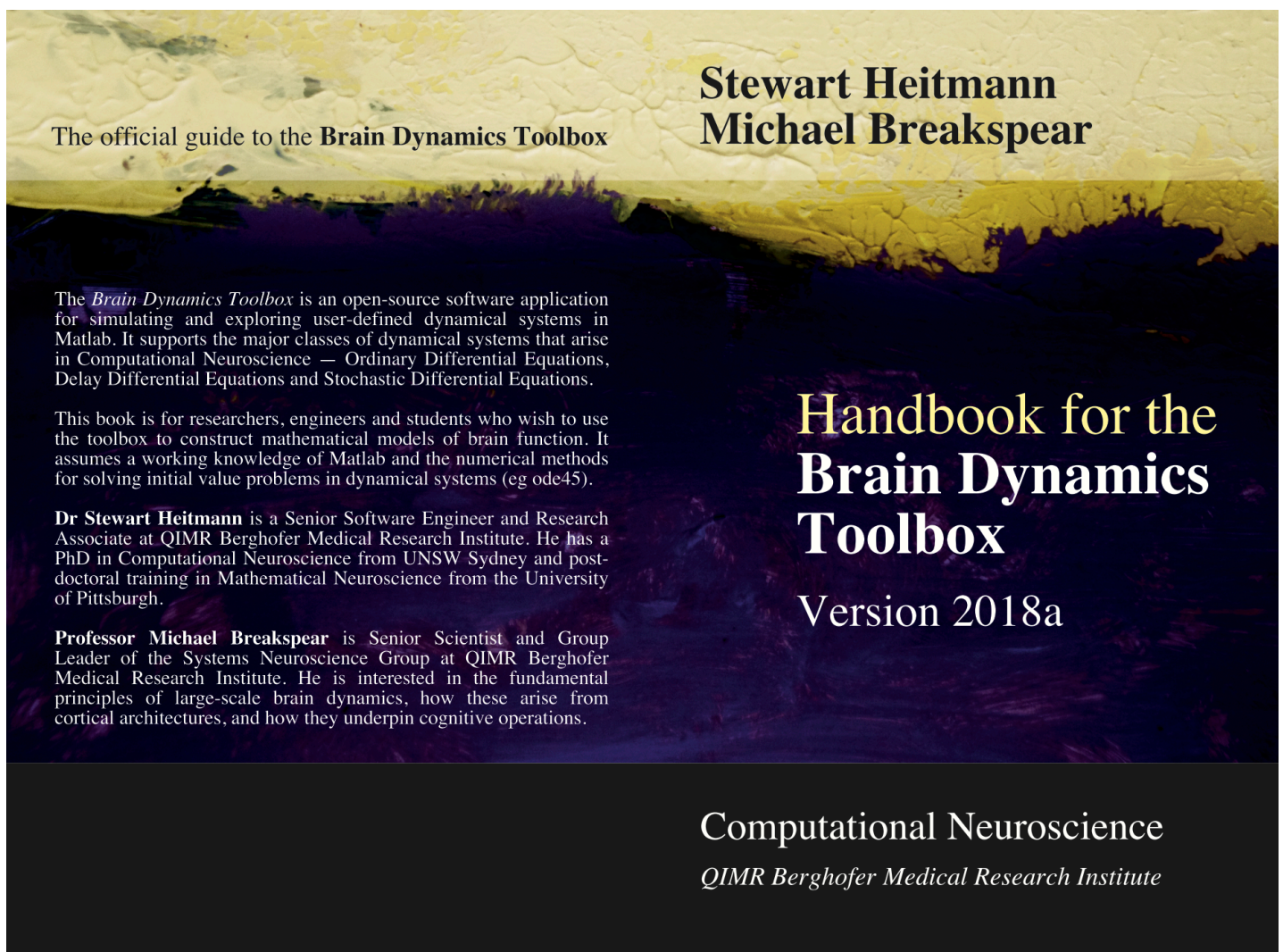# Brain Dynamics Toolbox

Version 2018a

No official release yet. Currently in beta testing.

The [Brain Dynamics Toolbox](#) is open-source software for simulating dynamical systems in neuroscience. It is for researchers and students who wish to explore mathematical models of brain function using Matlab. It includes a graphical tool for simulating dynamical systems in real-time as well as command-line tools for scripting large-scale simulations.

Download

The latest official release (Version 2017c) can be downloaded as a zip file from http://bdtoolbox.blogspot.com.

The beta release of Version 2018a can be obtained by cloning the master branch of the [bdtoolkit](#) repository on GitHub.

```
$ git clone https://github.com/breakspear/bdtoolkit.git
Cloning into 'bdtoolkit'...
remote: Counting objects: 890, done.
remote: Total 890 (delta 0), reused 0 (delta 0), pack-reused 890
Receiving objects: 100% (890/890), 4.47 MiB | 1.42 MiB/s, done.
Resolving deltas: 100% (620/620), done.
```

Getting Started

Follow the instructions in the *Getting Started* section of the *Handbook for the Brain Dynamics Toolbox*. The toolbox requires MATLAB 2014b or newer. It will not work with Octave.

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