

# Resource Summary Report

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## MCML and CONV

RRID:SCR\_002419

Type: Tool

### Proper Citation

MCML and CONV (RRID:SCR\_002419)

### Resource Information

**URL:** <http://omlc.ogi.edu/software/mc/>

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**Description:** MCML is a Monte Carlo simulation program for Multi-layered Turbid Media with an infinitely narrow photon beam as the light source. The simulation is specified by an input text file called, for example, sample.mci, which can be modified by any simple text editor. The output is another text file called, for example, sample.mco. (The names are arbitrary.) CONV is a convolution program which uses the MCML output file to convolve for photon beams of any size in a Gaussian or flat field shape. CONV can provide a variety of output formats (reflectance, transmission, iso-fluence contours, etc.), which are compatible with standard graphics applications.

**Abbreviations:** MCML, MCML & CONV, CONV

**Synonyms:** Monte Carlo for Multi-Layered media

**Resource Type:** software application, simulation software, software resource

**Defining Citation:** [PMID:9421660](#), [PMID:19256707](#)

**Keywords:** optical imaging

**Availability:** Free, Available for download, Freely available

**Resource Name:** MCML and CONV

**Resource ID:** SCR\_002419

**Alternate IDs:** nlx\_155791

**Alternate URLs:** <http://www.nitrc.org/projects/mcml>

**License:** Open Software License v3, <Http://www.nitrc.org/include/glossary.php#552>

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## Ratings and Alerts

No rating or validation information has been found for MCML and CONV.

No alerts have been found for MCML and CONV.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.