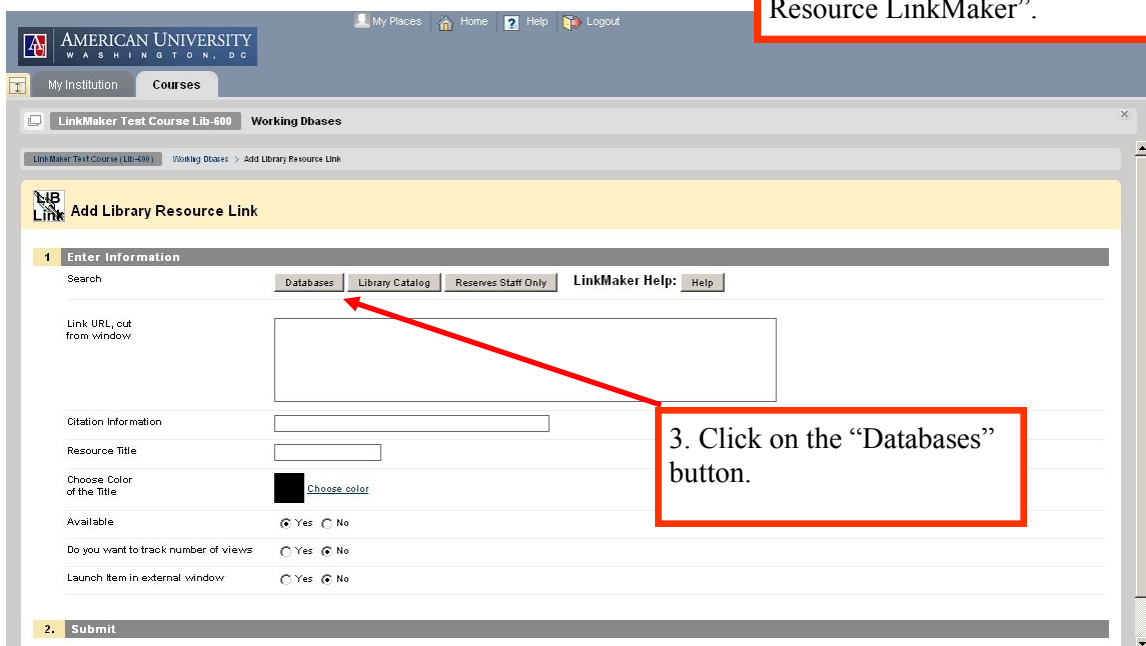
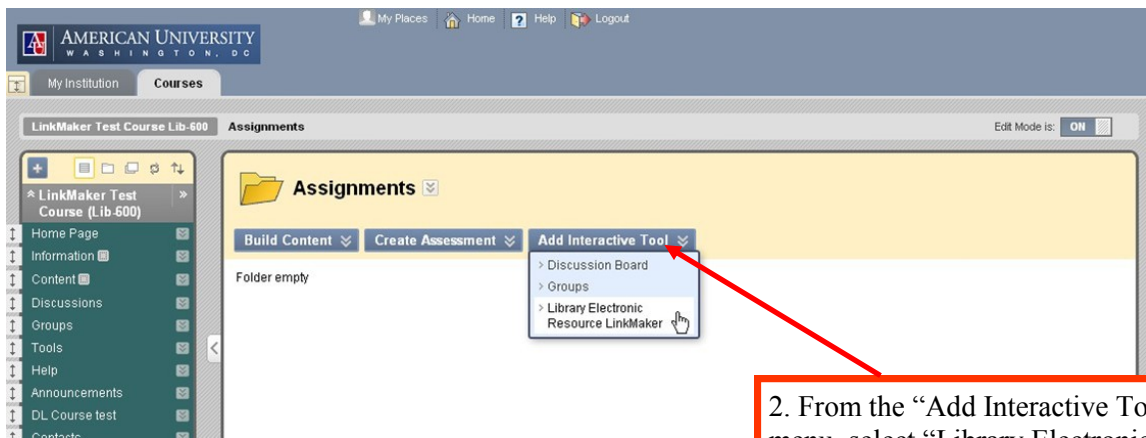
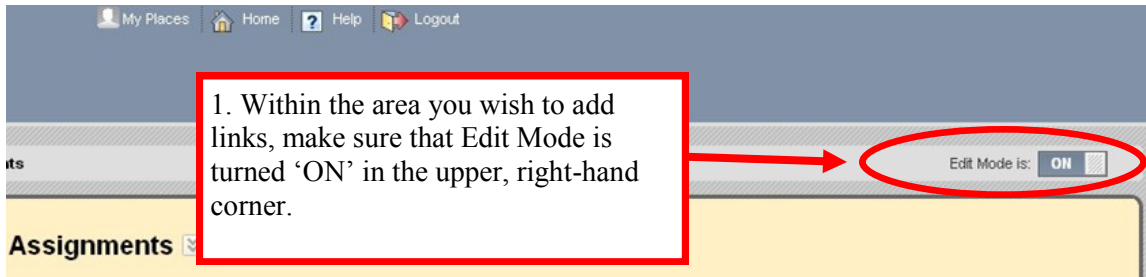


Using Blackboard's LinkMaker program with *American Physical Society* journals



LIBRARY SUBJECT GUIDES

Library » The Library's Subject Guides! » LinkMaker Databases Admin Sign In

LinkMaker Databases

If you need help using a database please [Ask a Librarian](#). Report technical problems with a database [here](#).

Last update: Jan 13, 2012 | URL: <http://subjectguides.library.american.edu/linkmaker> | [Print Guide](#) | [Email Alerts](#)

LinkMaker Databases [Print Page](#) Search: This Guide

Instructions & Help

This page includes a list of all resources that have been tested and confirmed compatible with Blackboard LinkMaker. As the American University Library adds new resources that are compatible, this list will be updated.

- [Help using LinkMaker with Blackboard](#)
Includes platform-specific documentation (in development) to help you set up your links with a minimum of confusion and bother.

Journal Finder

Search for a title

Browse e-journals by title
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Browse e-journals by subject

Working Databases

- [ABI/Inform \(Business and Management\)](#)
Contains bibliographic citations, abstracts, and full text of articles appearing in international business journals, and trade magazines published worldwide.
- [Academic Search Premier](#)
This scholarly database contains over 3,600 peer-reviewed publications in full-text on every subject.

4. From the Database List, use the Journal Finder to search for the desired journal.

LIBRARY JOURNAL FINDER

AU Library's Journal Finder

[Library Home](#)

Journal Finder provides access to full text journal, magazine, and newspaper content as well as links to titles held in print. Please go to the Library's [Start Your Research](#) page to find articles on a topic, books, or special collections. If you have a **specific** article citation, please use the [Article Finder @ AU Library](#) tool.

Please report any technical problems with the AU Library Journal Finder [here](#).

[0-9](#) [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) [Other](#)

5 records retrieved for the search: 'Title begins with "physical review a"

Physical Review & Research International

from 01/01/2011 to present in [ProQuest Central](#)

Physical review. A, Atomic, molecular, and optical physics (1050-2947)

from 1990 to 3 years ago in [PROLA - Physical Review Online Archive](#)

from 1990 to 2005 in [AU Library Print Journal Collection](#)

from 3 years ago to present in [American Physical Society Publications](#)

5. Select the American Physical Society Publications link.

Physical review. A, General physics (0556-2791)

from 1970 to 1989 in [PROLA - Physical Review Online Archive](#)

Physical review A, General physics (0556-2791)

from 1970 to 1989 in [AU Library Print Journal Collection](#)

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APS » Journals » Phys. Rev. A

< Earlier Volumes

Physical Review A: Volumes 66 – 85 (July 2002 – Present)

Volume 85 January - Present

Issue 1 January 2012 (partial)

Volume 84 July - December 2011

Issue 6 December 2011

Issue 5 November 2011

Issue 4 October 2011

Issue 3 September 2011

6. Select your desired year, volume, and issue, then the desired article.

Quantum superpositions of crystalline structures

Jens D. Balthusch, Cecilia Cormick, Gabriele De Chiara, Tommaso Calarco, and Giovanna Morigi
Published 8 December 2011 (10 pages)
063821 [View PDF (817 kB)]
See accompanying Physics Synopsis

RAPID COMMUNICATIONS

Quantum information

- On-chip, photon-number-resolving, telecommunication-band detectors for scalable photonic information processing**
Thomas Gerrits, Nicholas Thomas-Peter, James C. Gates, Adriana E. Lita, Benjamin J. Metcalf, Brice Calkins, Nathan A. Tomlin, Anna E. Fox, Antia Lamas Linares, Justin B. Spring, Nathan K. Langford, Richard P. Mirin, Peter G. R. Smith, Ian A. Walmsley, and Sae Woo Nam
Published 5 December 2011 (4 pages)
060301(R) [View PDF (539 kB)]

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APS » Journals » Phys. Rev. A » Volume 84 » Issue 6

Phys. Rev. A 84, 060301(R) (2011) [4 pages]

On-chip, photon-number-resolving, telecommunication-band detectors for scalable photonic information processing

Abstract References No Citing Articles Supplemental Material

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Thomas Gerrits¹, Nicholas Thomas-Peter², James C. Gates³, Adriana E. Lita¹, Benjamin J. Metcalf², Brice Calkins¹, Nathan A. Tomlin¹, Anna E. Fox¹, Antia Lamas Linares¹, Justin B. Spring², Nathan K. Langford², Richard P. Mirin¹, Peter G. R. Smith³, Ian A. Walmsley², and Sae Woo Nam¹
¹National Institute of Standards and Technology, Boulder, Colorado, 80305, USA
²Clarendon Laboratory, University of Oxford, Parks Road, Oxford OX1 3PU, United Kingdom
³Optoelectronics Research Centre, University of Southampton, Highfield SO17 1BJ, United Kingdom

RAPID Received 22 September 2011; published 5 December 2011

Integration is currently the only feasible route toward scalable photonic quantum processing devices that are compatible with metrology, and simulation. Embedded on-chip detection will be critical to such devices. We demonstrate an integrated photon-number-resolving detector, operating in the telecom band at 1550 nm, employing an evanescently coupled design that allows it to be placed at arbitrary locations within a planar circuit. Up to five photons are resolved in the guided optical mode via absorption from the evanescent field into a tungsten transition-edge sensor. The detection efficiency is $7.2 \pm 0.5\%$. The polarization sensitivity of the detector is also demonstrated. Detailed modeling of device designs shows a clear and feasible route to reaching high detection efficiencies.

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URL: <http://link.aps.org/doi/10.1103/PhysRevA.84.060301>

DOI: 10.1103/PhysRevA.84.060301

PACS: 03.67.Hk, 42.79.Pw, 42.82.-m, 42.50.Dv

Editing tip: Use your keyboard “Ctrl” + “c” keys to copy and “Ctrl” + “v” keys to paste highlighted text, or access an editing menu by highlighting the desired information and right-clicking your mouse.

7. On the abstract page, copy the URL at the bottom of the page next to the DOI.

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My Institution Courses System Admin

LinkMaker Test Course (Lib-600) Assignments > Add Library Resource Link

Add Library Resource Link

1 Enter Information

Search Databases Library Catalog Reserves Staff Only LinkMaker Help:

Link URL, cut from window

Citation Information

Resource Title

Choose Color of the Title

Available Yes No

Do you want to track number of views Yes No

Launch Item in external window Yes No

2. Submit

8. Copy and paste the permalink and the citation information into LinkMaker. Edit the citation information as necessary.

9. Complete the LinkMaker screen:
- Choose the color for the title.
 - Leave the “Yes” button selected for “Available” to make the link appear on your course page.
 - Select whether or not you wish to track the number of views.
 - Select whether the link launches in an external window (recommended).
 - Submit the durable link to LinkMaker.

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My Institution Courses System Admin

LinkMaker Test Course (Lib-600) Assignments > Add Library Resource Link

Content Added

Content has been added. This link is **durable**; it is independent of your current session & will be proxied if needed for off-campus access.
<https://www.aladin.wric.org/Z-WEB/Aladin?req=db&key=ALADINPROXY&uri=http://link.aps.org/doi/10.1103/PhysRevA.84.060301>

Wednesday, January 18, 2012 11:49:13 AM EST

10. LinkMaker will report that the link has been made durable. Click “OK” to continue.

The screenshot displays the Blackboard LinkMaker interface for a course titled "LinkMaker Test Course Lib-600". The top navigation bar includes the American University logo and user options like "Mark Winek", "My Places", "Home", "Help", and "Logout". Below this, there are tabs for "My Institution", "Courses", and "System Admin". The main content area is titled "Assignments" and features a sidebar with a navigation menu containing items like "Home Page", "Information", "Content", "Discussions", "Groups", "Tools", "Help", "Announcements", "DL Course test", "Contacts", "Lectures (Video)", "Working Dbases", "Non-working Dbases", "Library Services", "Discussion Board", and "External Links". The main content area has a yellow header with the "Assignments" title and a dropdown menu. Below the header are four buttons: "Build Content", "Create Assessment", "Add Interactive Tool", and "Assign Textbook". A list of assignments is shown, with one entry highlighted: "On-chip, photon-number-resolving, telecommunication-band detectors for scalable photonic information processing". This entry includes a citation: "Phys. Rev. A 84, 060301(R) (2011)" and a link "Click here to view".

11. LinkMaker will display the link and citation as it will appear under the “Assignments” tab in your course. Use the drop-down menu to make any changes or delete the link.

This help document was developed by the Electronic Resources Management Unit at the American University Library. Feedback and suggestions on the documentation are welcome and may be sent to liberm@american.edu.

Blackboard’s LinkMaker extension was developed by Kathy Kilduff and Don Gourley at WRLC.