

# VUFIND® LEIPZIG 2024: FUTURE DISCOVERIES TIMETABLE

## DAY ONE MONDAY, September 30, 2024

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NOON **REGISTRATION**  
Check-In with Coffee

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1:00 PM **WELCOME (ENG)**  
(Dr. Anne Lipp | UB Leipzig)

**KEYNOTE (ENG)**  
(Prof. Dr. Sören Auer | TIB Hannover)

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2:00 PM **OPENER (ENG)**  
VuFind®: State of the Project (Demian Katz | VuFind®)

This talk will discuss developments within the project (both technical and organizational) over the year since the previous VuFind® Summit while also highlighting some possible future developments for the next major release. Time will be included for general Q&A about the project and its future plans.

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2:30 PM **TALK 1 (ENG)**  
Lots of requirements, one software – The VuFind® multi-instance operation of the Staatsbibliothek Berlin  
(William Nass / René Stoltenberg | SBB SPK Berlin)

If knowledge is to be disseminated in different areas and made easily accessible, there is hardly any way around the operation of target group-based services. But how can this be achieved using the software VuFind if redundant development is to be avoided and maintainability made simple? In this presentation, we would like to show how the Staatsbibliothek Berlin deals with these issues. Through the continuous exchange within our interdisciplinary development team, we have found that requirements in the specialist departments are largely similar, or can be reused by our main discovery system (StabiKat). We explain how we decided to modularize our developments based on these findings, which increased our team productivity enormously. We also report on the automation of the installation processes and the deployment of our development results via CI/CD. We also show how we deal with external modules that are used in our systems. Finally, we discuss potential challenges that have arisen from these procedures in our team.

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**3:00 PM TALK 2 (ENG)**

Is this Really Relevant? Browser-Based Testing for Enhancing Search Results Collaboratively  
(Duncan Paterson / Annette Kaufmann | FID Asien / SBB SPK Berlin)

Relevancy in search results is the cornerstone of effective library discovery systems. This talk addresses the challenge of achieving high relevancy by presenting a framework for browser-based relevancy testing, facilitating collaborative improvements. With three productive VuFind instances (stabikat.de, search.crossasia.org, and vifa-recht.de) serving diverse user groups, establishing relevancy criteria presents a significant challenge. Through user observations and expert feedback, we identified inconsistencies in delivering relevant search results for 80 sample searches and drafted a broad strategy for improvements. We will cover the implementation of browser-based relevancy tests via Cypress.io and its integration into the development process. Our focus includes lessons learned regarding test design and open development practices that bridge the gap between technical experts, domain knowledge, and users. We will discuss trade-offs between optimizing different search strategies and managing complex side effects from spot fixes to individual queries. By leveraging CI/CD best practices, we empower non-developers to experiment and contribute, improving both search results and communication between departments and with users. Ultimately, this talk provides practical insights for developers and librarians aiming to enhance the user experience of VuFind search results, ensuring more relevant and effective discovery systems.

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**3:30 PM COFFEE BREAK****4:00 PM TALK 3 (ENG)**

New Capabilities in VuFind® Multi-Column (“Combined”) Search Mode  
(Maccabee Levine | Lehigh University)

VuFind’s multi-column search mode is a “bento box” interface for presenting the results from multiple backends simultaneously, in separate boxes. Lehigh University has contributed several new capabilities over the last year to make this long-standing “combined” search more flexible to different discovery needs. These include jump links for better awareness of offscreen boxes, added support for side recommendation modules and advanced search, and more flexible and mobile-friendly box layouts via CSS Grid. Multi-column mode also pairs well with the new Blender functionality, by including a blended backend as one of the result boxes. The presentation will demo these features in a working implementation, as well as some new contributed backends and recommendation modules that may work best as part of multi-column search.

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**4:30 PM TALK 4 (ENG)**

Vision ‚ThULB-Suche‘ – how ThULB Jena approaches user-centered development of its Discovery System  
(Clemens Kynast | ThULB Jena)

„ThULB-Suche” is a Discovery-System and most frequently used tool at "Thuringian University and State Library Jena (ThULB). After an extensive user-survey, workshops and discussions on our Library-services in general, recurring wishes and problems for the „ThULB-Suche” became apparent. The need for standardization of discovery-systems in Thuringia and the upcoming change of Library-System-Architecture to Folio came on top of that. Its 2021, and for the first time, we stopped our daily business and asked ourself: „ What do users expect from ThULB-Suche? Are the change requests useful to most of the users? Who are the users anyway? To what extent are we prepared for the future? How to start and sort all this?" Since then we started defining a manifest and 10 theses, collected use cases of different personas, created mockups and built up a ThULB-Suche-specific survey. We were able to encourage users to do hands-on workshops with us. We are currently discussing a catalog of requirements for future discovery-systems in Thuringia together with all thuringian libraries. This talk wants to show how we put our „ThULB-Suche” in general to the test and started to develop our own "Vision ThULB-Suche”.

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5:00 PM **TALK 5 (ENG)**

Bootstrap 5 based themes in VuFind®  
(Ere Maijala | Kansalliskirjasto / The National Library of Finland)

This talk presents the new Bootstrap 5 based themes first available in VuFind 10.0. It provides some background information about the design choices as well as useful information for anyone considering migration from older themes.

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5:30 PM **TALK 6 (ENG)**

VuFind® as a solution to patent-data aggregation  
(Ricardo Eito-Brun | Universidad Carlos III de Madrid)

Academic institutional repositories have become a common tool in most of the universities to give visibility to the scientific and technical production of their staff. Most of the institutional repositories at universities focus on academic papers and reports, with a limited presence of patents and other intellectual property-related documents. On the other side, patents' data are published by different national and international entities in their own databases. Different initiatives have been developed to publish patents' metadata and even full-text as open data. The cases of the European Patent Office (EPO) and other national agencies are good examples. This presentation explores the possibilities of using VuFind as a discovery tool to search and retrieve data coming from institutional repositories and external patents' databases. The proposed approach gives researchers the opportunity to identify both papers and patents granted to universities, having a single place to reach different research outputs.

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6:00 PM **FREE TIME**

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7:00 PM **CONFERENCE DINNER**

At the end of the first day of the event, we would like to get together with you for a relaxed exchange of experts and a follow-up discussion of the insights gained. The conference dinner will take place in the nearby "Glashaus in Clarapark" restaurant (self-pay).

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## **DAY TWO TUESDAY, October 1, 2024**

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9:00 AM **OPENER & TALK 7 (ENG)**

Retrospect: 10 Years of finc Anniversary (Leander Seige | UB Leipzig)

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9:30 AM **TALK 8 (GER)**

Alberts Reisetagebuch: Von der Eigenentwicklung zu VuFind® (Martin Weigelt | KOBV)

Das Frontend des vom Kooperativen Bibliotheksverbund Berlin-Brandenburg (KOBV) entwickelten Discovery-Systems ALBERT wird schrittweise von einer Eigenentwicklung auf VuFind migriert. Die Umstellung auf VuFind wurde im Rahmen des Projekts Albertiko realisiert, welches für ALBERT die Integration einer Konto-Funktionalität zur Anbindung von SIS-Systemen ermöglicht. Es werden diverse Datenquellen in unseren zentralen Suchindex eingebunden, und es können auch weitere Suchindizes flexibel in die individuellen VuFind-Instanzen integriert werden. Das Deployment unserer VuFind-Instanzen auf Kubernetes ermöglicht Flexibilität und Agilität bei der Entwicklung. In dieser Präsentation werde ich nicht nur unsere umfassende Lösung mit VuFind zeigen, sondern auch die Erkenntnisse und Erfahrungen, die wir auf diesem Weg gesammelt haben.

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10:00 AM **TALK 9 (GER)**

Nutzungszentrierte Discovery-Entwicklung (Angela Oehler / Annette Kaufmann | SBB SPK Berlin)

Die Staatsbibliothek zu Berlin führt diverse Erhebungen und Analysen durch, um das VuFind-Discovery-System StabiKat nutzendenzentriert und bedarfsgerecht weiterzuentwickeln. Ein Baustein dabei ist eine teilnehmende Beobachtung, d.h. 15 Personen, die repräsentativ für die zentralen und definierten Nutzendengruppen der Bibliothek sind, wird online dabei zugeschaut, wie sie 3 Recherchen durchführen. Die Session vermittelt die Durchführung der Usability-Tests sowie Auswertung und Ergebnisse.

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10:30 AM **COFFEE BREAK**

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11:00 AM **TALK 10 (GER)**

Availability+: Effiziente Lösungen für die Anzeige elektronischer Dokumentenverfügbarkeit (Jannis Ohms | UB TU Braunschweig)

Die Verfügbarkeit elektronischer Dokumente korrekt und zuverlässig anzuzeigen ist ein komplexes und persistentes Problem. Insbesondere FID nehmen hier mit Anforderungen wie einer deutschlandweiten, standortabhängigen Verfügbarkeit eine Sonderrolle ein. Für die Anzeige müssen Daten aus verschiedenen Diensten wie DAIA, Journals Online und Print, SFX oder Unpaywall integriert und in eine einheitliche Darstellung übersetzt werden. Die Anforderungen an eine Lösung sind dabei neben der zuverlässigen Anzeige auch Transparenz und Reproduzierbarkeit der Ergebnisse, Robustheit gegenüber Fehlern in Drittanbieterdaten sowie eine einfache Konfiguration. Der Verfügbarkeitsdienst Availability+ erfüllt diese Anforderungen durch eine modulare Architektur und die Bereitstellung expliziter Debug-Funktionen. Der Fokus liegt dabei auf der Erweiterbarkeit und der Möglichkeit zur Integration neuer Verfügbarkeitsdienste sowie der Konfigurierbarkeit und der Erklärbarkeit der Resultate. Der Talk beinhaltet eine Vorstellung der Architektur von Availability+ sowie eine Live-Demonstration des Systems.

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11:30 AM **TALK 11 (ENG)**

Lessons Learned from 30+ Discovery Projects with Libraries (Anne Christensen | effective WEBWORK)

Discovery systems are oftentimes treated as an add-on to traditional OPACs. However with new service platforms like FOLIO on the horizon, it is evident search engines will replace the classic catalog for good. Libraries and librarians have struggled with discovery systems in various respects, especially when comparing them to legacy systems. We will look at typical challenges in the introduction of discovery systems and discuss ideas which could help with the facilitation of projects related to new and emerging search technologies in the library sector.

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NOON **TALK 12 (ENG)**

AI - Chatbots vs Discovery Systems (Tilman Scheel | AboutSomethinK)

AI Chatbots will soon be fully integrated into traditional discovery services. They might even substitute traditional search. Especially for the younger generations, AI chatbots are already part of everyday workflows in school, university etc. Together with the Berlin libraries (VÖBB) we have built what appears to be the first AI - Chatbot of any major library that allows to chat about the entire library collection of approx. 4 Mio media items (books, ebooks, music pieces etc.) In our contribution we will briefly explain how it works and what the challenges are. In a second step we will provide insight into how users react to this new offer.

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12:30 PM **LUNCH BREAK**

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1:30 PM **TALK 13 (GER)**

Einführung in den Lukida-Kosmos (Alexander Karim | GBV)

This presentation will give you a little introduction to the Lukida cosmos: Lukida is a discovery solution for end users that can be flexibly adapted to the various needs of libraries. Numerous internal commands enable libraries to find their media directly and quickly. Lukida uses its own API, which enables discovery functions to be integrated into its own website. Native apps for Android and iOS are also being prepared to offer users the usual smartphone functionality. A modern interface (UI) is also included, which can be configured very flexibly. Lukida supports several local library systems and several locations in one interface. In addition to the K10plus central, Lukida uses another data source to offer classification systems and covers. Local systems are also stored here so that Lukida can be displayed. You can also integrate your own data source. myK10plus-Zentral offers you a direct interface to store your own data, which can then be queried by Lukida or other systems and included in the search results.

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2:00 PM **WOLRDCAFÉ**

Future Discoveries

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2:45 PM **PANEL (ENG)**

Panel Discussion: Future Discoveries

Demian Katz | VuFind®

Anne Christensen | effective WEBWORK

Felix Ostrowski | SBB SPK Berlin

Leander Seige | UB Leipzig (Moderation)

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3:30 PM **COFFEE BREAK**

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4:00 PM **LIGHTNING TALKS**

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4:30 PM **ROADMAPPING VuFind® (ENG)**

(Demian Katz | VuFind®)

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5:30 PM **CLOSING**

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