

INVENIO MOBILE

A MOBILE APPLICATION IN HTML5

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Background image: Shutterstock

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THE PROJECT REQUIREMENTS

- Able to save records and files offline
- Integrate with multiple sources
- Cross-platform

CERN openlab



HTML



TECHNOLOGY

Cordova, a hybrid app framework

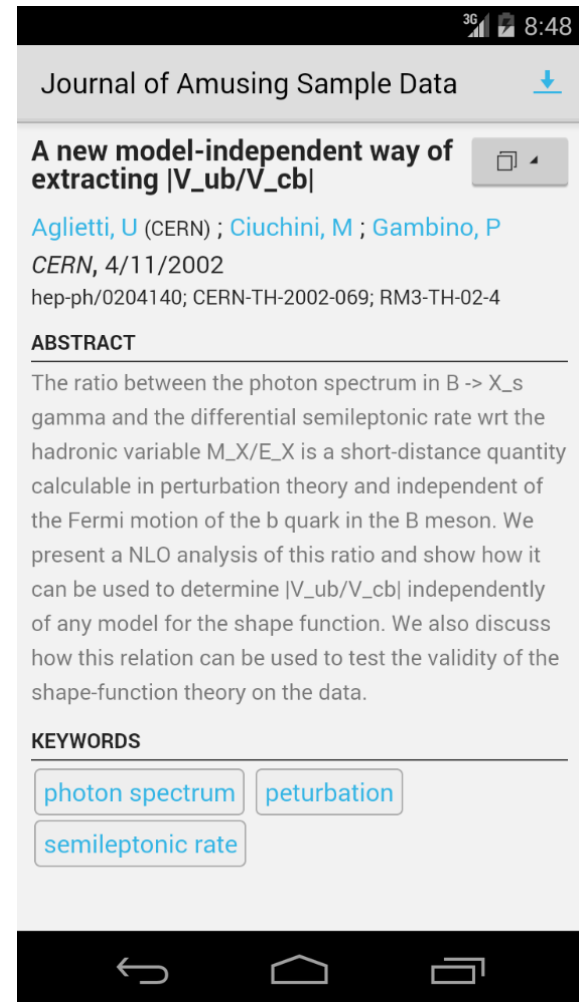
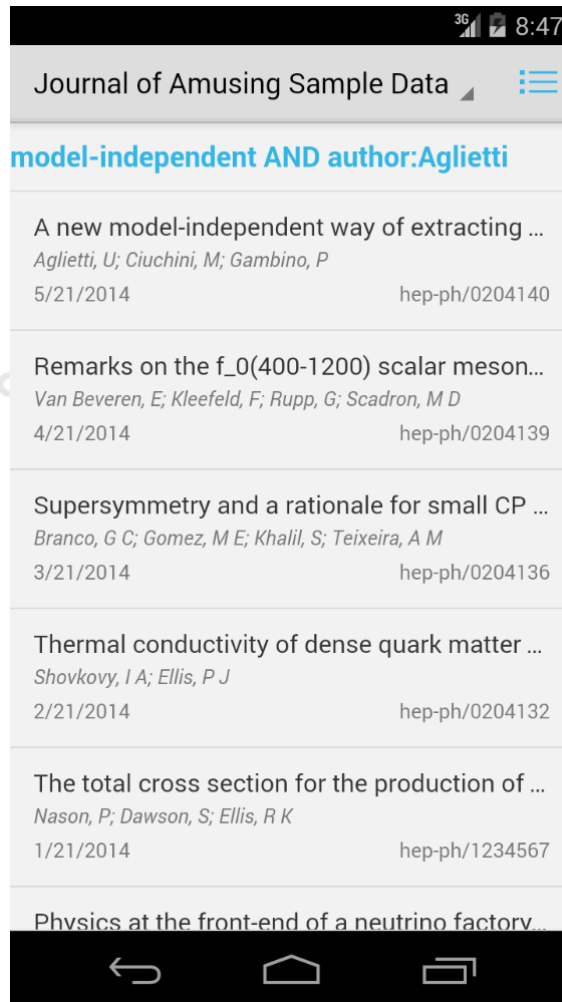
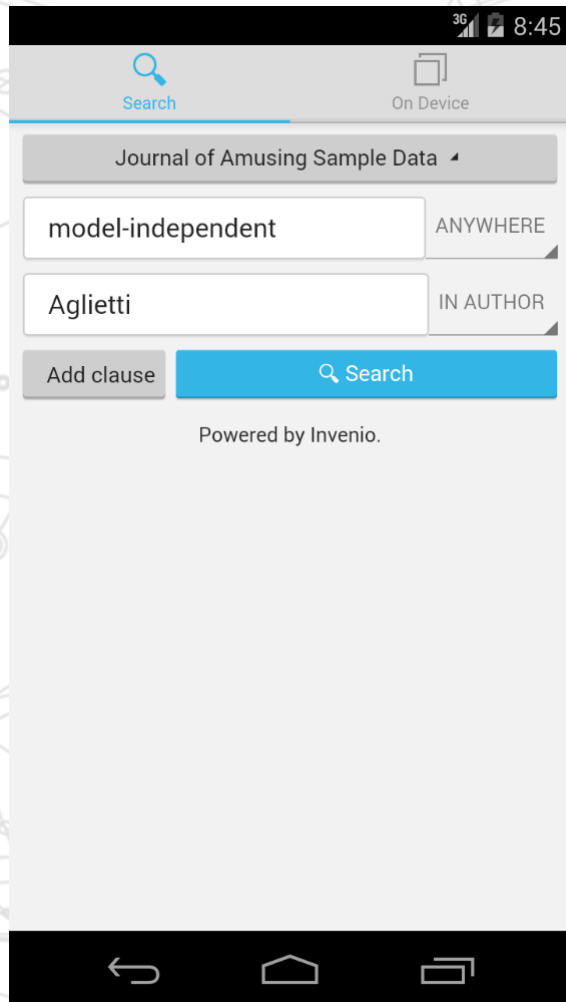
- Write once, run everywhere
- Plugins provide access to native features

HTML5 with the Ratchet framework

- Ratchet mimics the look and feel of iOS or Android
- Only a few tweaks (like the back button) must be added

Python with Flask, to implement the server-side REST API

THE APP: ANDROID



THE APP: IOS

Journal of Amusing Sample Data ▾

model-independent anywhere ▾

Aglietti in Author ▾

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model-independent AND author:Aglietti

A new model-independent way of ex...
Aglietti, U; Ciuchini, M; Gambino, P
 21/05/2014 hep-ph/0204140

Remarks on the $f_0(400-1200)$ scala...
Van Beveren, E; Kleefeld, F; Rupp, G; Scadr...
 21/04/2014 hep-ph/0204139

Supersymmetry and a rationale for s...
Branco, G C; Gomez, M E; Khalil, S; Teixeir...
 21/03/2014 hep-ph/0204136

Thermal conductivity of dense quark ...
Shovkovy, I A; Ellis, P J
 21/02/2014 hep-ph/0204132

The total cross section for the produc...
Nason, P; Dawson, S; Ellis, R K
 21/01/2014 hep-ph/1234567

Physics at the front-end of a neutrino...
Mangano, M L; Alekhin, S I; Anselmino, M; ...

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A new model-independent way of extracting $|V_{ub}/V_{cb}|$

Aglietti, U (CERN) ; Ciuchini, M ; Gambino, P
 CERN, 12/04/2002
 hep-ph/0204140; CERN-TH-2002-069; RM3-TH-02-4

ABSTRACT

The ratio between the photon spectrum in $B \rightarrow X_s \gamma$ and the differential semileptonic rate wrt the hadronic variable M_{X/E_X} is a short-distance quantity calculable in perturbation theory and independent of the Fermi motion of the b quark in the B meson. We present a NLO analysis of this ratio and show how it can be used to determine $|V_{ub}/V_{cb}|$ independently of any model for the shape function. We also discuss how this relation can be used to test the validity of the shape-function theory on the data.

KEYWORDS



FURTHER WORK

- Sign in with OAuth
- Tagging records
- Better tablet support

THANK YOU