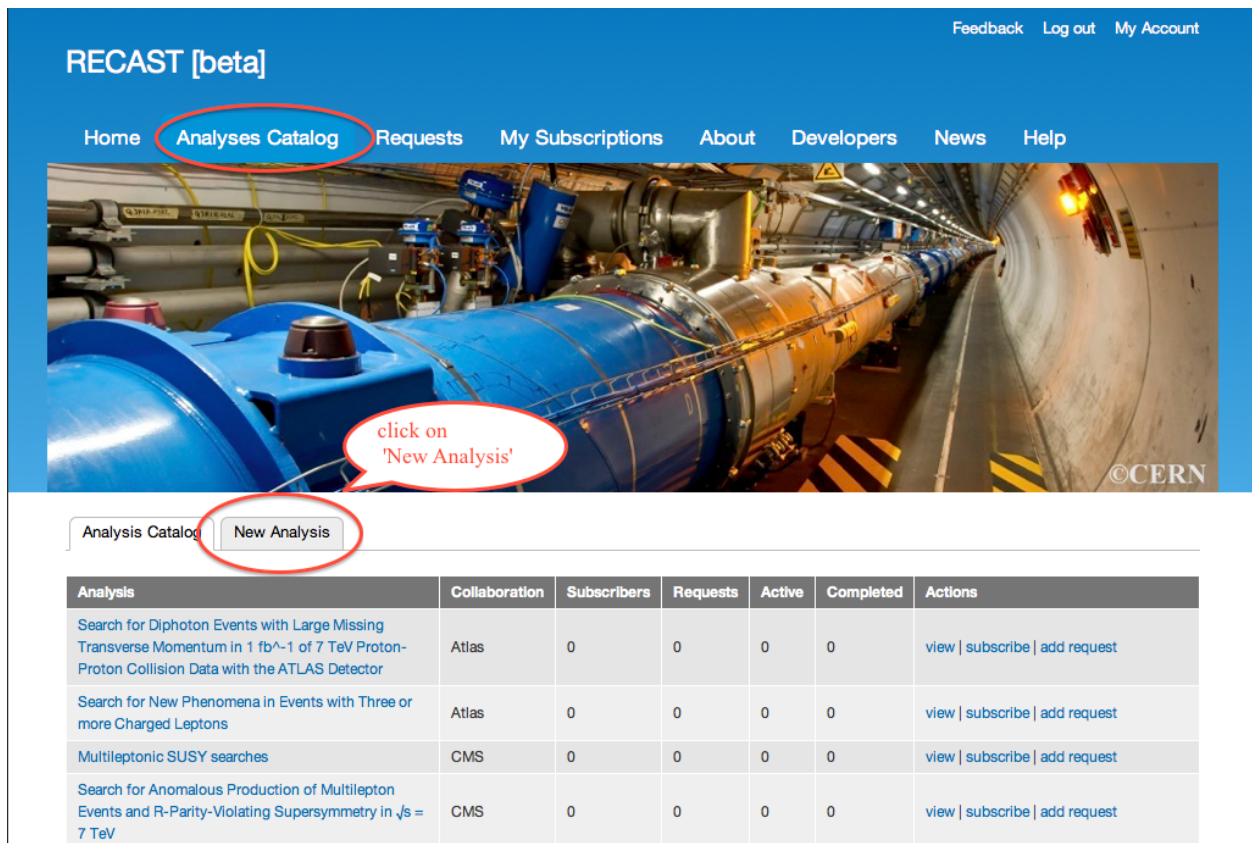


Adding a New Analysis

Analyses play a central role in RECAST since everything is linked to them. Anyone can create an analysis, but it should correspond to an actual analysis that was performed by some experiment. An analysis can be created for different reasons and by different users:

- The collaboration that performed the analysis is interested in making it part of RECAST.
- A member of the community is interested in seeing this analysis becoming part of RECAST. That person need not be part of the collaboration responsible for the analysis.

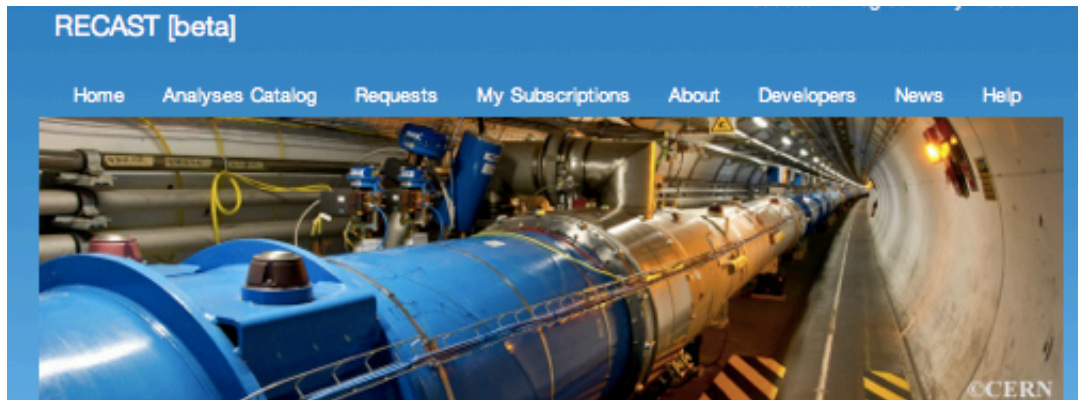
It is important to emphasize that the existence of an analysis in the catalogue, does not imply that a back-end is available for it. Once an analysis is added to the catalogue, users can submit *requests* to it and *subscribe* to it. As subscribers, users can *provide* a back-end for the analysis. Fig 1 and 2 show screenshots describing how to add an analysis.



The screenshot shows the RECAST [beta] website interface. The top navigation bar includes 'Home', 'Analyses Catalog' (circled in red), 'Requests', 'My Subscriptions', 'About', 'Developers', 'News', and 'Help'. Below the navigation bar is a large image of the LHC tunnel with a red callout bubble pointing to the 'Analyses Catalog' tab, containing the text 'click on 'New Analysis''. Below the image is a tabbed interface with 'Analysis Catalog' and 'New Analysis' (circled in red). Below the tabs is a table with the following data:

Analysis	Collaboration	Subscribers	Requests	Active	Completed	Actions
Search for Diphoton Events with Large Missing Transverse Momentum in 1 fb^{-1} of 7 TeV Proton-Proton Collision Data with the ATLAS Detector	Atlas	0	0	0	0	view subscribe add request
Search for New Phenomena in Events with Three or more Charged Leptons	Atlas	0	0	0	0	view subscribe add request
Multileptonic SUSY searches	CMS	0	0	0	0	view subscribe add request
Search for Anomalous Production of Multilepton Events and R-Parity-Violating Supersymmetry in $\sqrt{s} = 7 \text{ TeV}$	CMS	0	0	0	0	view subscribe add request

Figure 1: In the 'Analysis Catalogue' tab, click the 'New Analysis' tab.



Create Analysis

Title *

Title of the analysis

Collaboration

E-Print

If published, input the arXiv number

Journal

DOI

inSpire URL

Description

the Beta version includes only one run-condition. Input a descriptive name, e.g. LHC, ATLAS, 7TeV

Run Condition

Name

Description

If you are a part of the collaboration that is responsible for this analysis, you can request ownership. This will be validated by an administrator.

Request Ownership

Save. Further edits are possible later.

Save