

CHUVA International Workshop





.CHUVA WEB -

<http://chuvaproject.cptec.inpe.br/>

Data Access



Access to
each
campaign
web Page

The screenshot shows the CHUVA PROJECT website. At the top, there is a banner with the text "MegaCidades São Paulo EM BREVE!" and logos for "Ciência e Tecnologia", "BRASIL", and "CPTEC". Below the banner is a navigation menu with items like "Home", "Presentations at GPM", "Chuva Project on Media", "Data", "Staff", "Experiment", "GPM Brazil", "News History", "Schedule", "Institutions", "Location of Instruments", "Mission", "Papers", "Dual Polarization Radar", "Annual Report", "The Chuva Project", "Videos", and "Workshops / Courses". The "Data" menu item is highlighted. A "Last News" section features a "Chuva Sul" article with a "DOWNLOAD" button and a "ZIP" icon. Below this is an "Experiments" section with seven circular icons, each labeled "CONCLUÍDO!" and representing a different location: ALCANTARA - MA, FORTALEZA - CE, BELEM - PA, VALE DO PARAIBA - PB, SANTA MARIA - RS, MELHIADES - SÃO PAULO, and COIMBATON - MINAS GERAIS. At the bottom, there is a "Chuva Project" section with a paragraph of text and a logo for "Instituição Financiadora FAPESP INCT-MC".

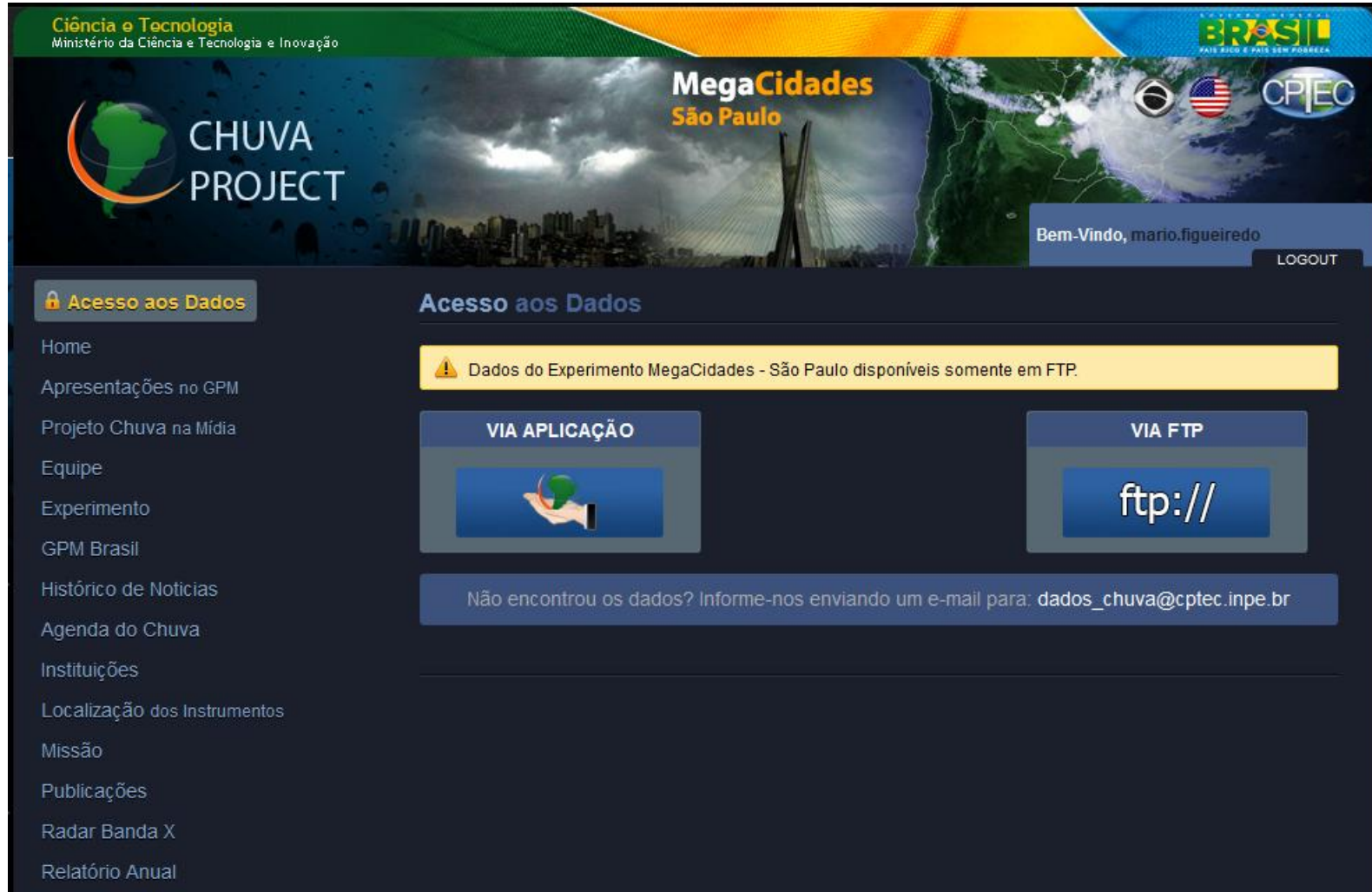
CHUVA Project Data Access



The screenshot shows the CHUVA Project Data Access web interface. At the top, there is a banner with the text "Ciência e Tecnologia" and "Ministério da Ciência e Tecnologia e Inovação" on the left, and "BRASIL PAIS RICO E PAIS SEM POBREZA" on the right. The main banner features the CHUVA PROJECT logo, "MegaCidades São Paulo", and logos for CPTec and the USA. Below the banner, there is a navigation menu on the left with items like "Home", "Apresentações no GPM", "Projeto Chuva na Mídia", "Equipe", "Experimento", "GPM Brasil", "Histórico de Notícias", "Agenda do Chuva", "Instituições", "Localização dos Instrumentos", "Missão", "Publicações", "Radar Banda X", and "Relatório Anual". The main content area is titled "Acesso aos Dados" and contains two forms: "LOGIN" with fields for "Login:" and "Senha:" and buttons for "Login" and "Recuperar Senha"; and "AINDA NÃO SOU CADASTRADO!" with an "Email:" field and a "Cadastrar" button.

Obs: Nova forma de Efetuar Login ou se Cadastrar

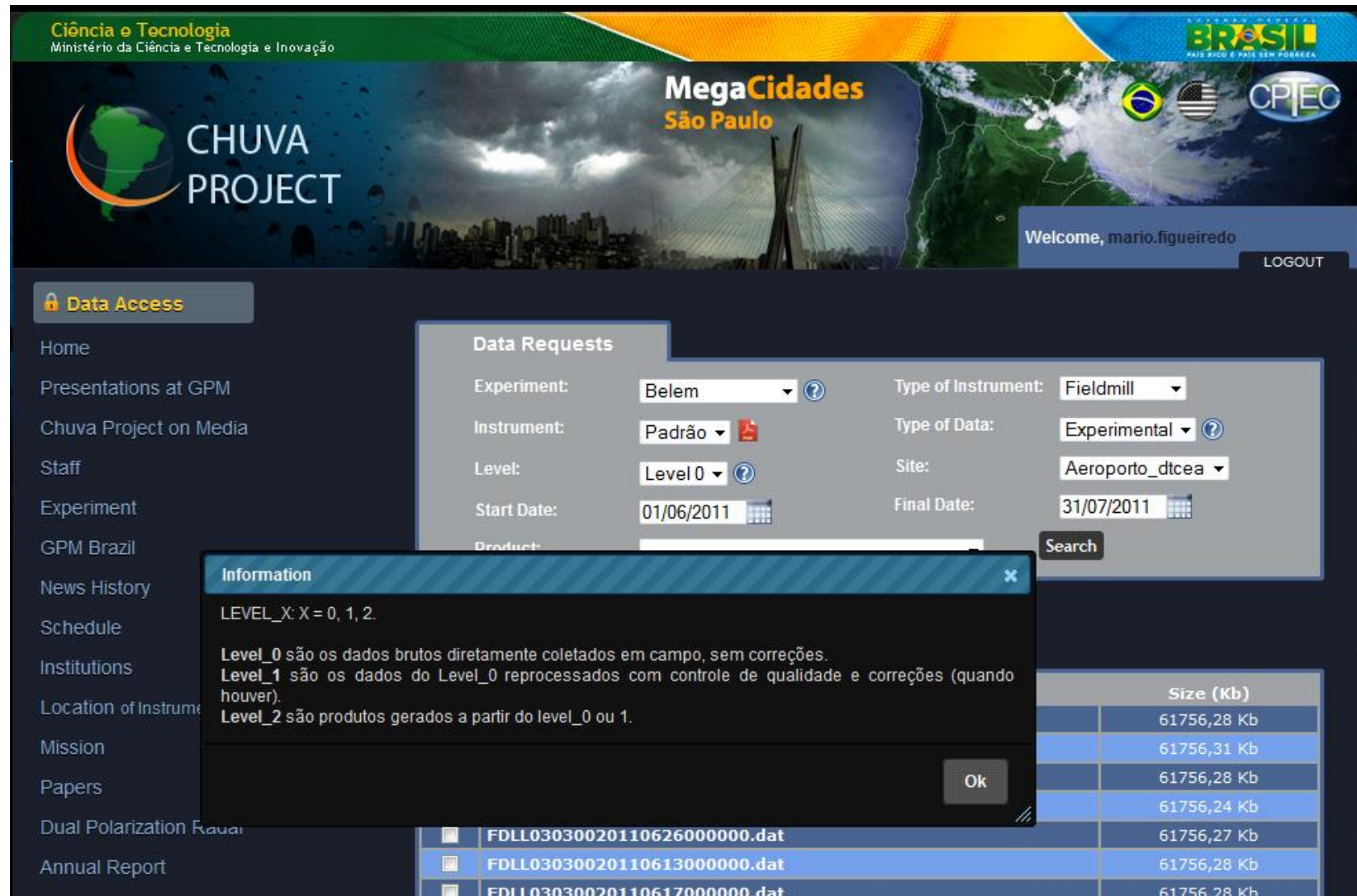
- ftp and New Access thought Application



The screenshot shows the CHUVA PROJECT website interface. At the top, there is a header with the text "Ciência e Tecnologia" and "Ministério da Ciência e Tecnologia e Inovação". The main banner features the CHUVA PROJECT logo, a globe, and the text "MegaCidades São Paulo". Logos for BRASII and CPTEC are also visible. A user is logged in as "mario.figueiredo" with a "LOGOUT" button. A sidebar on the left lists navigation options: Home, Apresentações no GPM, Projeto Chuva na Mídia, Equipe, Experimento, GPM Brasil, Histórico de Noticias, Agenda do Chuva, Instituições, Localização dos Instrumentos, Missão, Publicações, Radar Banda X, and Relatório Anual. The main content area is titled "Acesso aos Dados" and contains a yellow warning box stating "Dados do Experimento MegaCidades - São Paulo disponíveis somente em FTP." Below this, there are two buttons: "VIA APLICAÇÃO" with a hand holding a globe icon, and "VIA FTP" with the text "ftp://". At the bottom, a blue box provides contact information: "Não encontrou os dados? Informe-nos enviando um e-mail para: dados_chuva@cptec.inpe.br".

A contact mail to help solve doubts

- Help and Read me were included to help data download and Instrument description



The screenshot displays the CHUVA PROJECT web interface. At the top, there is a banner with the text "Ciência e Tecnologia" and "Ministério da Ciência e Tecnologia e Inovação". The main header features the "CHUVA PROJECT" logo and "MegaCidades São Paulo". A user greeting "Welcome, mario.figueiredo" and a "LOGOUT" button are visible in the top right.

On the left side, there is a navigation menu with the following items: Home, Presentations at GPM, Chuva Project on Media, Staff, Experiment, GPM Brazil, News History, Schedule, Institutions, Location of Instrument, Mission, Papers, Dual Polarization Radar, and Annual Report.

The main content area is titled "Data Access" and contains a "Data Requests" form. The form includes the following fields:

- Experiment: Belem
- Instrument: Padrão
- Level: Level 0
- Start Date: 01/06/2011
- Type of Instrument: Fieldmill
- Type of Data: Experimental
- Site: Aeroporto_dtcea
- Final Date: 31/07/2011

A "Search" button is located below the form. An "Information" popup window is overlaid on the form, providing details about the data levels:

Information

LEVEL_X: X = 0, 1, 2.

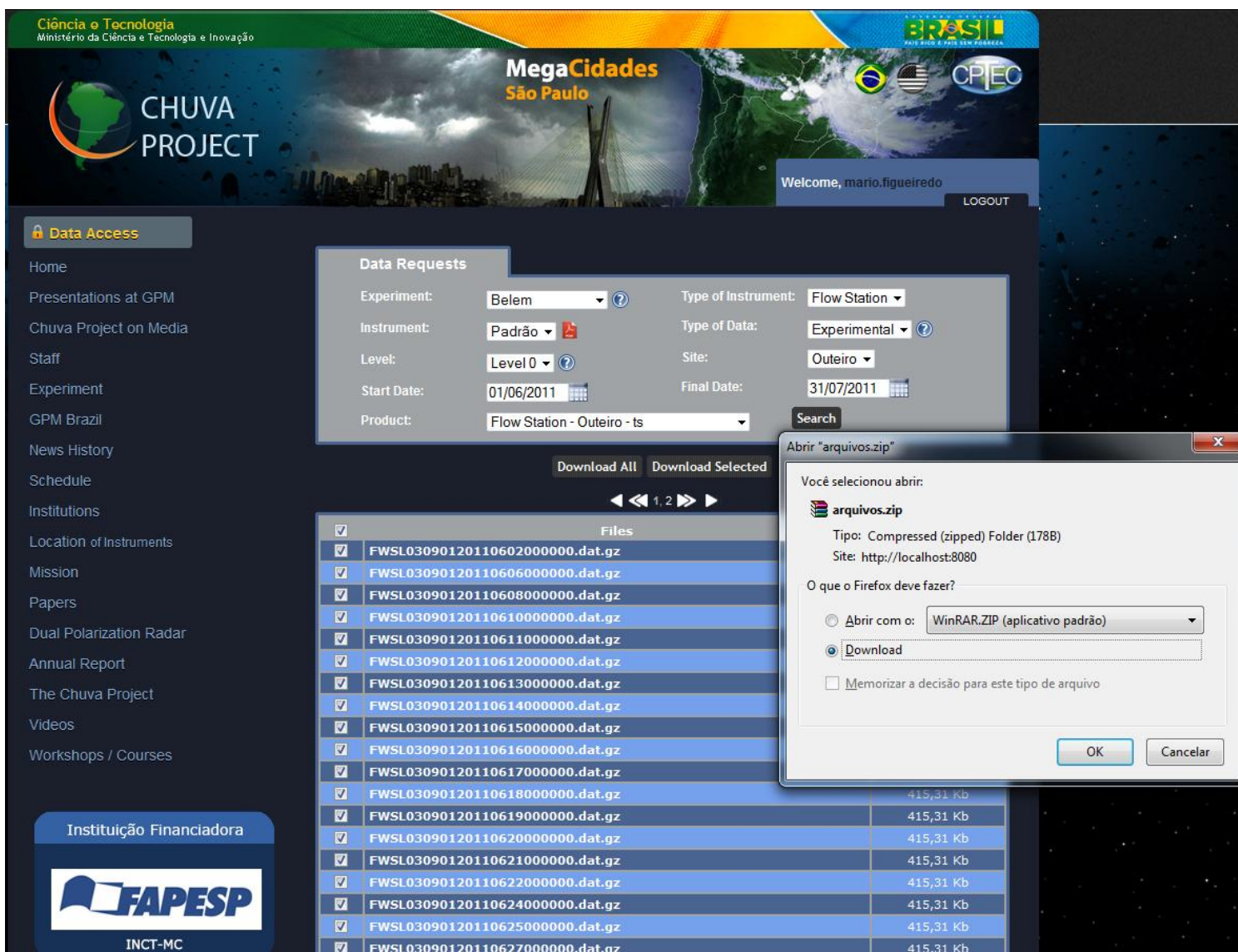
Level_0 são os dados brutos diretamente coletados em campo, sem correções.
 Level_1 são os dados do Level_0 reprocessados com controle de qualidade e correções (quando houver).
 Level_2 são produtos gerados a partir do level_0 ou 1.

An "Ok" button is located at the bottom right of the popup.

Below the form, a table displays a list of data files with their sizes:

	Size (Kb)
FDLL03030020110626000000.dat	61756,28 Kb
FDLL03030020110613000000.dat	61756,31 Kb
FDLL03030020110617000000.dat	61756,28 Kb
	61756,24 Kb
	61756,27 Kb
	61756,28 Kb
	61756,28 Kb
	61756,28 Kb

- Download Data Selecting the Available Options



The screenshot displays the CHUVA PROJECT web interface. At the top, there is a header with the project name and logos for FAPESP and CPTec. Below the header, a navigation menu is visible on the left side, including options like Home, Presentations at GPM, and Data Access. The main content area features a 'Data Requests' form with various dropdown menus and input fields for selecting data parameters. A 'Search' button is located below the form. Below the search area, there is a table of files with checkboxes for selection and a 'Download All' button. A dialog box titled 'Abrir "arquivos.zip"' is open in the foreground, showing the file type as 'Compressed (zipped) Folder (178B)' and offering options to 'Abrir com o: WinRAR.ZIP (aplicativo padrão)' or 'Download'.

Data Requests Form:

- Experiment: Belem
- Instrument: Padrão
- Level: Level 0
- Start Date: 01/06/2011
- Product: Flow Station - Outeiro - ts
- Type of Instrument: Flow Station
- Type of Data: Experimental
- Site: Outeiro
- Final Date: 31/07/2011

Files Table:

Files	Size
<input checked="" type="checkbox"/> FWSL03090120110602000000.dat.gz	415,31 Kb
<input checked="" type="checkbox"/> FWSL03090120110606000000.dat.gz	415,31 Kb
<input checked="" type="checkbox"/> FWSL03090120110608000000.dat.gz	415,31 Kb
<input checked="" type="checkbox"/> FWSL03090120110610000000.dat.gz	415,31 Kb
<input checked="" type="checkbox"/> FWSL03090120110611000000.dat.gz	415,31 Kb
<input checked="" type="checkbox"/> FWSL03090120110612000000.dat.gz	415,31 Kb
<input checked="" type="checkbox"/> FWSL03090120110613000000.dat.gz	415,31 Kb
<input checked="" type="checkbox"/> FWSL03090120110614000000.dat.gz	415,31 Kb
<input checked="" type="checkbox"/> FWSL03090120110615000000.dat.gz	415,31 Kb
<input checked="" type="checkbox"/> FWSL03090120110616000000.dat.gz	415,31 Kb
<input checked="" type="checkbox"/> FWSL03090120110617000000.dat.gz	415,31 Kb
<input checked="" type="checkbox"/> FWSL03090120110618000000.dat.gz	415,31 Kb
<input checked="" type="checkbox"/> FWSL03090120110619000000.dat.gz	415,31 Kb
<input checked="" type="checkbox"/> FWSL03090120110620000000.dat.gz	415,31 Kb
<input checked="" type="checkbox"/> FWSL03090120110621000000.dat.gz	415,31 Kb
<input checked="" type="checkbox"/> FWSL03090120110622000000.dat.gz	415,31 Kb
<input checked="" type="checkbox"/> FWSL03090120110624000000.dat.gz	415,31 Kb
<input checked="" type="checkbox"/> FWSL03090120110625000000.dat.gz	415,31 Kb
<input checked="" type="checkbox"/> FWSL03090120110627000000.dat.gz	415,31 Kb

Dialog Box: Abrir "arquivos.zip"

Você selecionou abrir:

- arquivos.zip
- Tipo: Compressed (zipped) Folder (178B)
- Site: http://localhost:8080

O que o Firefox deve fazer?

- Abrir com o: WinRAR.ZIP (aplicativo padrão)
- Download
- Memorizar a decisão para este tipo de arquivo

Buttons: OK, Cancelar

HUVA Project – Radar database



- X-band (dual-pol, doppler) and S-band radars (most doppler)
- Raw data (ASCII, UF) and CAPPI
- Attenuation correction for Z and ZDR (X-Band, $ZPHI$ method)
- Also solution for wet radome correction and ZDR tuning – equations are available for customer application

