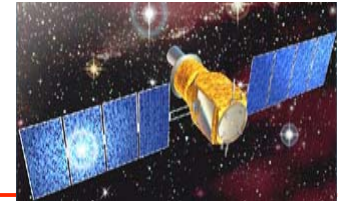# The Mission Archive

- Implemented at MEDOC/IAS, for the duration of the
  mission plus an extended period (few years)
  [Long Term Archive at CDS & LAEFF]
- Based on previous archiving experience (SoHO, TRACE)
- Already providing the MOST <u>public</u> data at
  <center>http://idc-corot.ias.u-psud.fr/</center>
- Data available:          N1 (on request)
                           N2
                           (and later N3)
- Interfaces dedicated to each channel (Seismo/Exo)

# The Mission Archive

## Data interfaces

N1 interfaces: - technical information (CCD)
- characterisation of the observation run (LR/SR…)
- astrophysical information on the target star

N2 interfaces: - characterisation of the observation run (LR/SR…)
- astrophysical information on the target star

# The Mission Archive

## AsteroSeismology N1 data interface

**Requested products:**          ☒ **Light curve**          ☐ **Imagettes**

                    ☐ **Offset**          ☐ **Background**          ☐ **Jitter correction information**

**Observation Period**:     from [            ] (yyyy-mm-dd)     to [            ]

          ☒ Long runs                    ☒ Short runs

          ☒ Center direction          ☒ Anticenter direction

**Star Characteristics:**          COROT ID          (nnnnnn)

Magnitude:          from [          ]     to [          ]

Spectral type:     from [          ]     to [          ]

Position:          Dec.     from [          ]     to [          ]

              RA          from [          ]     to [          ]

## AsteroSeismology and ExoPlanet N1 data interface

**CCD Information:**  ☒ CCD A1                     ☒ CCD A2

☒ Right                       ☒ Right

☒ Left                        ☒ Left

[    ] $< X <$ [    ]          [    ] $< X <$ [    ]

[    ] $< Y <$ [    ]          [    ] $< Y <$ [    ]

# The Mission Archive

## ExoPlanet N1 data interface

**Requested products:**

☒ Light curve  ☒ 32s Sampling  ☒ 512s Sampling  ☒ Chromatic LC  ☒ Monochormatic LC

☐ Offset  ☐ Background  ☐ Jitter correction information

☐ Background model  ☐ Line of Sight  ☐ House-Keeping data  ☐ « Imagettes »

**Observation Period**: from [      ] (yyyy-mm-dd)  to

☒ Long runs  ☒ Short runs

☒ Center direction  ☒ Anticenter direction

**Star Characteristics:**  COROT ID [      ] (nnnnnn)

Magnitude:  from [      ] to [      ]

Position:  Dec.  from [      ] to [      ]

RA  from [      ] to [      ]

# The Mission Archive

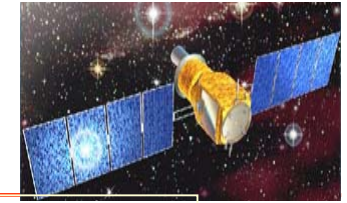## AsteroSeismology N2 data interface

**Observation Period**: from [ ]    to [ ]
- ☐ Long Runs    ☐ Short Runs
- ☐ Center direction    ☐ Anticenter direction

**Star Characteristics:** COROT ID or usual name [ ]

| | | |
|---|---|---|
| Magnitude: | from [ ] | to [ ] |
| Color: | from [ ] | to [ ] |
| Spectral type: | from [ ] | to [ ] |
| Spectral subclass: | from [ ] | to [ ] |
| Luminosity: | from list | |
| Position: Dec. | from [ ] | to [ ] |
| RA | from [ ] | to [ ] |
| Parallax: | from [ ] | to [ ] |
| Rotation Vsin(i): | from [ ] | to [ ] |
| Temperature: | from [ ] | to [ ] |
| log g: | from [ ] | to [ ] |
| Metallicity: | from [ ] | to [ ] |

# The Mission Archive

## ExoPlanet N2 data interface

**Observation Period**:

from [        ]          to [        ]

☐ Long Runs          ☐ Short Runs

☐ Center direction          ☐ Anticenter direction

**Star Characteristics:**          [        ] COROT ID or star usual name

Magnitude V:          from          [        ]          to [        ]

Magnitude difference V-R: from [        ]          to [        ]

Position:   Dec.          from          [        ]          to [        ]

RA          from          [        ]          to [        ]