**CALL FOR PROPOSAL**

**DESIGN AND MANUFACTURING OF NEW DISPERSING ELEMENTS BASED ON VPHG**

First call for instrumental teams and observatories to proposed VPHG based dispersing elements to be designed and built within ORP WP4 JA3. The call is primarily intended to groups within the ORP, while petitions from externals can also be considered with less priority.

To apply, please fill the attached form and submit it to [andrea.bianco@inaf.it](mailto:andrea.bianco@inaf.it) , [francisco.garzon@iac.es](mailto:francisco.garzon@iac.es). Deadline is 18 October 2021.

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| **Proposing team** | |
| Facility |  |
| Name/names of the proponents |  |
| Affiliation |  |
| Emails |  |
|  | |
| **Target instrument** | |
| Name |  |
| Status | [ ] Already in use [ ] Under development |
| Kind of instrument | [ ] Common user instrument [ ] Visitor instrument |
| Operating temperature |  |
| Very Brief description |  |
| Is the facility part of | [ ] ORP-TNA [ ] ORP-TDA [ ] No part of ORP |
|  | |
| **Device requirements** | |
| Shape and size (mm) |  |
| Structure (grating, GRISM, …) |  |
| Spectral range (nm) |  |
| Central wavelength (nm) |  |
| Resolution for 1 arcsec slit width |  |
| Dispersion (nm/pixel) |  |
| Diffraction efficiency @ the central  (%) |  |
| Average diffraction efficiency (%) |  |
| Provide other useful details related to the device |  |
|  | |
| **Other information** | |
| Has the proposing team capabilities for the installation and commissioning of the new item or assistance for that is also requested? |  |

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| Available budget : the total cost of the item cannot be figured out, but it is informative to know if the team has funds usable for:  - the manufacturing and/or auxiliary optics;  - the installation and commissioning. |  |

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| **Scientific targets** |
| Category:  [ ] Solar System  [ ] Exoplanets  [ ] CSM and Star formation  [ ] ISM and PNe  [ ] Stars ad stellar populations  [ ] Low Z Universe (ie local galaxies)  [ ] Hi Z Universe (ie cosmology type stuff)  [ ] Time domain astronomy |
| Detail in short one or two scientific projects to which the new dispersing element will serve (max 1 page) |