



| Name, Vorname         | JG | Verein                  | Zeit  | L1 | L2 | L3 | L4 | L5 | mj | Wj | D1 | D2 |
|-----------------------|----|-------------------------|-------|----|----|----|----|----|----|----|----|----|
| 31 Zubeil Karl        | 52 | VfB St. Leon            | 37:46 |    | 12 |    |    |    |    |    |    |    |
| 32 Wolf Günter        | 66 | TV Eberbach             | 37:52 |    |    |    |    |    |    |    |    |    |
| 33 Bürkler Peter      |    | TSV Neuenstadt          | 38:01 |    | X  |    |    |    | 1  |    |    |    |
| 34 Barheh Christian   | 47 | TSG Blankenloch         | 38:06 |    | 13 |    |    |    |    |    |    |    |
| 35 Fischer            | 41 | RSV Rot                 | 38:24 |    |    |    |    | 8  |    |    |    |    |
| 36 Ullrich Paul       | 46 | VLG Marathön LU         | 38:26 |    |    |    |    | 9  |    |    |    |    |
| 37 Zeus Peter         | 42 | LCN Mosbach             | 38:29 |    |    |    |    | 10 |    |    |    |    |
| 38 Rau Stefan         | 62 | Einhausen               | 38:37 | 12 |    |    |    |    |    |    |    |    |
| 39 Müller Udo         | 44 | WTC Speyer              | 38:40 |    |    |    |    | 11 |    |    |    |    |
| 40 Zeus Wolfgang      | 66 | LCN Mosbach             | 38:41 |    |    |    |    |    |    |    |    |    |
| 41 Merkel Werner      | 28 | ASV Landau              | 38:43 |    |    |    |    |    | 2  |    | 2  |    |
| 42 Ridgeway Gary      | 48 | Sandhausen              | 38:44 |    |    |    |    |    |    |    |    |    |
| 43 Walther Reinh.     | 54 | SG Bad Schönbörn        | 38:52 |    | 14 |    |    |    |    |    |    |    |
| 44 Scherer Helmut     | 46 | TV Rheinau              | 39:02 |    | 15 |    |    |    |    |    |    |    |
| 45 Eckstein Bernhard  | 54 | Karlsruhe               | 39:09 |    | 16 |    |    |    |    |    |    |    |
| 46 Leisenberg Peter   | 46 | Ludwigshafen            | 39:23 |    | 17 |    |    |    |    |    |    |    |
| 47 Schüßler Engelbert | 49 | LSG Karlsruhe           | 39:25 |    | 18 |    |    |    |    |    |    |    |
| 48 Otto Torsten       | 69 | ASV Landau              | 39:28 |    | 19 |    |    |    |    |    |    |    |
| 49 Molke Matthias     | 55 | Daisbach                | 39:33 | 13 |    |    |    |    | 3  |    |    |    |
| 50 Red RYder          |    | Heidelberg              | 39:34 |    |    |    |    |    |    |    |    |    |
| 51 Holletschek Klaus  | 39 | Seeheim-Jugenheim       | 39:34 |    |    |    | 12 |    |    |    |    |    |
| 52 Hippenhan Uli      | 59 | SRi Chinmoy, Marathön   | 39:48 | 14 |    |    | 13 |    |    |    |    |    |
| 53 Reschke Paul       | 25 | TV Rheinau              | 39:48 |    |    |    |    |    |    |    |    |    |
| 54 Holz Klaus         | 54 | PSV Pforzheim           | 39:55 |    |    |    | 3  |    |    |    |    |    |
| 55 Leischwitz Petro   | 58 | DJK Hockenheim          | 39:57 | 15 | 20 |    |    |    |    |    |    |    |
| 56 Rössker Walter     | 48 | Rettigheim              | 40:07 |    | 21 |    |    |    |    |    |    |    |
| 57 Gerdes Wolfram     | 66 |                         | 40:12 | 16 |    |    |    |    |    |    |    |    |
| 58 Zeghar Helmut      | 43 | 67 Ludwigshafen         | 40:22 |    |    |    | 14 |    |    |    |    |    |
| 59 Rimron Edward      | 39 | Heidelberg Road Runners | 40:23 |    |    |    | 15 |    |    |    |    |    |
| 60 Kuntz Adam         | 36 | TV Herxheim             | 40:25 |    | 22 |    |    |    |    |    |    |    |

ERGEBNISLISTE

| Name, Vorname                | SG | Verein                 | Zeit    | L1 | L2 | L3 | L4 | L5 | wj | L1 | D2 |
|------------------------------|----|------------------------|---------|----|----|----|----|----|----|----|----|
| 61. Meier, Bern              | 41 | Höhlhausen             | 40 : 33 |    |    |    | 46 |    |    |    |    |
| 62. Baetfisch, Hans-Jo       | 49 | Obrigheim              | 40 : 35 |    |    |    |    |    |    |    |    |
| 63. Schneek, Dieter          | 45 | Aglastenhausen         | 40 : 36 |    |    |    |    |    |    |    |    |
| 64. Rothemol, Peter          | 42 | TV Mörth               | 40 : 45 |    |    |    |    |    |    |    |    |
| 65. Nees, Richard            | 33 | Bensheim-Zell          | 40 : 51 |    |    |    |    |    |    |    |    |
| 66. Hartmann, Hans           | 50 | TV Lohrheim            | 41 : 08 | X  |    |    | 4  |    |    |    |    |
| 67. Schmitt, Heinz           | 47 | Ludwigshafen           | 41 : 09 |    |    |    |    |    |    |    |    |
| 68. Meiser, Jürgen           | 65 | LG Bad Schönborn       | 41 : 10 |    |    |    |    |    |    |    |    |
| 69. Barthel, Horst           | 35 | Edingen                | 41 : 11 |    |    |    |    |    |    |    |    |
| 70. Geifert, Norbert         | 43 | LG Bollheim            | 41 : 17 |    |    |    |    |    |    |    |    |
| 71. Diehlke, Lothar          | 40 | Berlin                 | 41 : 22 |    |    |    |    |    |    |    |    |
| 72. Abländer, Helmut         | 44 | Zuschenhausen/Kraichg. | 41 : 28 |    |    |    |    |    |    |    |    |
| 73. Fister, Hans-Jo          | 42 | Reichartshausen        | 41 : 32 |    |    |    |    |    |    |    |    |
| 74. Ittensohn, Gerd          | 64 | TSV Rot                | 41 : 33 |    |    |    |    |    |    |    |    |
| 75. Labouesse, Patrick       | 51 | AC Heidelberg          | 41 : 41 |    |    |    |    |    |    |    |    |
| 76. Geyer, Gerd              | 50 | Germersheim            | 41 : 45 |    |    |    |    |    |    |    |    |
| 77. Uhrig, Hans              | 40 | ILG Vonnegau           | 41 : 52 |    |    |    |    |    |    |    |    |
| 78. Schimmelpfennig, Andreas | 61 | TSV Lumburg            | 41 : 53 |    |    |    |    |    |    |    |    |
| 79. Wittelid                 |    | SG Böllingen           | 42 : 00 |    |    |    |    |    |    |    |    |
| 80. Götter, Klaus            | 62 | SG Bad Schönborn       | 42 : 04 |    |    |    |    |    |    |    |    |
| 81. Jacob, Gerd              | 50 |                        | 42 : 05 |    |    |    |    |    |    |    |    |
| 82. Brenning, Alfons         | 47 | VfB St. Leon           | 42 : 08 |    |    |    |    |    |    |    |    |
| 83. Köpfer, Gerd             | 49 | SG Nüßloch             | 42 : 09 |    |    |    |    |    |    |    |    |
| 84. Kaltsch, Gerd            |    | Bad Mumpfen            | 42 : 11 |    |    |    |    |    |    |    |    |
| 85. Conventz, Franz          | 55 | Bollheim               | 42 : 13 |    |    |    |    |    |    |    |    |
| 86. Schulz, Gerd             |    |                        | 42 : 14 |    |    |    |    |    |    |    |    |
| 87. Zabel, Paul              | 50 | Bollheim               | 42 : 17 |    |    |    |    |    |    |    |    |
| 88. Schreier, Horst          | 42 | TV Bad Rappenau        | 42 : 18 |    |    |    |    |    |    |    |    |
| 89. Töster, Richard          | 41 | Sieglisbach            | 42 : 23 |    |    |    |    |    |    |    |    |
| 90. Loll, Ingrid             | 61 | TV Buhlertal           | 42 : 27 |    |    |    |    |    |    |    |    |

## ERGEBNISLISTE

|     | Name        | Vorname      | JG | Verein        | Zeit   | L1 | L2 | L3 | L4 | L5 | mj | wj | D1 | D2 |
|-----|-------------|--------------|----|---------------|--------|----|----|----|----|----|----|----|----|----|
| 91  | Klevens     | Rudolf       | 38 | VfB St.Leon   | 42:41  |    |    | 24 |    |    |    |    |    |    |
| 92  | Herberger   | Egon         | 48 | VfB St.Leon   | 42:41  |    | 34 |    |    |    |    |    |    |    |
| 93  | Kruppenbach | Horst        | 61 | Srichinoy     | 42:42w | 22 |    |    |    |    |    |    |    |    |
| 94  | Krüger      | Reinhard     | 54 | MA--Seckenh.  | 42:43  |    | 35 |    |    |    |    |    |    |    |
| 95  | Eitelmann   | Ludwig       | 35 | VLGM.Lu.      | 42:44  |    |    | 25 |    |    |    |    |    |    |
| 96  | Schneider   | Werner       | 35 | SG Nußloch    | 42:45  |    |    | 26 |    |    |    |    |    |    |
| 97  | Hildebrandt | Wolf         | 41 | VfB St.Leon   | 42:46  |    |    | 27 |    |    |    |    |    |    |
| 98  | Dufin       | Joe          | 40 |               | 42:47  |    | 36 |    |    |    |    |    |    |    |
| 99  | Heinecke    | Jörg         | 71 | Karlsdorf     | 42:48  |    |    |    |    |    | 5  |    |    |    |
| 100 | Weber       | Werner       | 36 | Sandhausen    | 42:49  |    |    | 28 |    |    |    |    |    |    |
| 101 | ---Rirron   | Patrick      | 66 | Heidelberg    | 43:02  |    |    |    |    |    | 6  |    |    |    |
| 102 | Gies        | Otto         | 61 | TBG Reilingen | 43:03  | 23 |    |    |    |    |    |    |    |    |
| 103 | Schwan      | Jürgen       | 55 | Frankfurt     | 43:06  | 24 |    |    |    |    |    |    |    |    |
| 104 | Strohmeyer  | Volker       | 42 | TSV Rettigh.  | 43:08  |    |    | 29 |    |    |    |    |    |    |
| 105 | Kraßnitzer  | Franz        | 34 | Bad Schönbr.  | 43:10  |    |    |    | 6  |    |    |    |    |    |
| 106 | Diets       | Hans--Jürgen | 42 | Malsch        | 43:11  |    |    | 30 |    |    |    |    |    |    |
| 107 | Kehrwald    | Alois        | 50 | Mannheim      | 43:13  |    | 37 |    |    |    |    |    |    |    |
| 108 | Bilo        | Franz        | 47 | Lienzingen    | 43:20  |    | 38 |    |    |    |    |    |    |    |
| 109 | Denis       | Johannes     | 48 | Siegen        | 43:40  |    | 38 |    |    |    |    |    |    |    |
| 110 | Graßhof     | Manfred      | 37 | Nisem         | 43:42  |    |    | 34 |    |    |    |    |    |    |
| 111 | Kutzner     | Georg        | 27 | Graben        | 43:48  |    |    |    |    |    |    |    |    |    |
| 112 | Herrmann    | Theo         | 27 | Ludwigshafen  | 43:57  |    |    |    | 7  |    |    |    |    |    |
| 113 | Plautz      | Ralf         | 60 | Neulussheim   | 44:06  | 25 |    |    | 8  |    |    |    |    |    |
| 114 | Bieler      | Rainer       | 52 | Mosbach       | 44:09  |    | 40 |    |    |    |    |    |    |    |
| 115 | Duda        | Detlev       | 50 | Ketsch        | 44:13  |    | 41 |    |    |    |    |    |    |    |
| 116 | Hage        | Helmut       | 47 | St.Leon       | 44:16  |    | 42 |    |    |    |    |    |    |    |
| 117 | Ülschläger  | Horst        | 55 | Wilhelmsfeld  | 44:17  | 26 |    |    |    |    |    |    |    |    |
| 118 | Kaurel      | Bernhard     | 56 | Heidelberg    | 44:21  | 27 |    |    |    |    |    |    |    |    |
| 119 | Groß        | Monika       | 52 | Siegen        | 44:33  |    |    |    |    |    |    |    |    |    |
| 120 | Benz        | Friedbert    | 52 | SG Tairnbach  | 44:34  |    | 43 |    |    |    |    |    | 2  |    |

## Blatt 5

Figure 1. Schematic diagram of the experimental setup.

[illegible]

# ERGEBNISLISTE

|     | Name           | Vorname     | JG | Verein         | Zeit  | L1 | L2 | L3 | L4 | L5 | mj | wj | D1 | D2 |
|-----|----------------|-------------|----|----------------|-------|----|----|----|----|----|----|----|----|----|
| 151 | Mendel         | Werner      | 33 | Bellheim       | 47:32 |    |    |    | 14 |    |    |    |    |    |
| 152 | Siegrist       | Erich       | 30 | Schefflenztal  | 47:35 |    |    |    | 15 |    |    |    |    |    |
| 153 | Kuhn           | Hermann     | 34 | Muttersbach    | 47:42 |    |    |    | 16 |    |    |    |    |    |
| 154 | Dr. Reckendorf | Helmut      | 23 | Mannheim       | 47:51 |    |    |    |    | 3  |    |    |    |    |
| 155 | Reinmuth       | Bettina     | 66 | Mosbach        | 48:00 |    |    |    |    |    |    | 3  |    |    |
| 156 | Roth           | Klaus       | 51 | Rheinau        | 48:07 |    | 48 |    |    |    |    |    |    |    |
| 157 | Heidl          | Bruno       | 40 | Söllingen      | 48:09 |    |    | 43 |    |    |    |    |    |    |
| 158 | Buchinger      | Rudolf      | 32 | Markgröningen  | 48:10 |    |    |    | 17 |    |    |    |    |    |
| 159 | Philipp        | Maria-Josee | 40 | Echternach     | 48:17 |    |    |    |    |    |    |    | 3  |    |
| 160 | Degenhard      | Herbert     | 38 | Hockenheim     | 48:22 |    |    | 44 |    |    |    |    |    |    |
| 161 | Lorenz         | Gerhard     | 29 | Sinsheim       | 48:33 |    |    |    | 18 |    |    |    |    |    |
| 162 | Boge           | Jochen      | 68 | Plankstadt     | 48:37 |    |    |    |    | 8  |    |    |    |    |
| 163 | Heckmann       | Kurt        | 54 | Wilhelmsfedl   | 48:52 |    | 48 |    |    |    |    |    |    |    |
| 164 | Hopf           | Dieter      | 57 | Reilingen      | 49:05 | 30 |    |    |    |    |    |    |    |    |
| 165 | Renner         | Willi       | 51 | Friesenheim    | 49:14 |    | 50 |    |    |    |    |    |    |    |
| 166 | Walter         | Annelies    | 48 | Untergruppenb. | 49:18 |    |    |    |    |    |    |    | 4  |    |
| 167 | Lbig           | Eberhard    | 49 | Frankenthal    | 49:34 |    | 51 |    |    |    |    |    |    |    |
| 168 | von Blerica    | Gerhard     | 53 | Frankfurt      | 49:50 |    | 52 |    |    |    |    |    |    |    |
| 169 | Bahn           | Werner      | 67 | Rheinau        | 50:00 |    |    |    |    | 9  |    |    |    |    |
| 170 | Andree         | Axel        | 66 | Straberg       | 50:02 |    |    |    |    | 10 |    |    |    |    |
| 171 | Schulz         | Erika       | 39 | Landau         | 50:06 |    |    |    |    |    |    |    | 4  |    |
| 172 | Mayer H        | Heribert    | 34 | Östringen      | 50:36 |    |    |    | 19 |    |    |    |    |    |
| 173 | Schiek         | Maria       | 29 | Oberderdingen  | 51:00 |    |    |    |    |    |    |    | 5  |    |
| 174 | Bahen          | Wolfgang    | 55 | Schwetzingen   | 51:11 | 31 |    |    |    |    |    |    |    |    |
| 175 | Schubert       | Hans        | 36 | Heidelberg     | 51:12 |    |    | 45 |    |    |    |    |    |    |
| 176 | Jag            | Fritz       |    | Brühl          | 51:36 |    |    | 46 |    |    |    |    |    |    |
| 177 | Bentz          | Waltraud    | 40 |                | 51:40 |    |    |    |    |    |    |    | 6  |    |
| 178 | Kessler        | Theo        |    | 6839           | 51:53 |    |    |    | 20 |    |    |    |    |    |
| 179 | Hornig         | Charlotte   | 50 | Neckargemünd   | 52:07 |    |    |    |    |    |    |    | 5  |    |
| 180 | Klein          | Horst       | 35 | Mannheim       | 52:27 |    |    | 47 |    |    |    |    |    |    |

ER G E B N I S L I S T E

| Name, Vorname             | JG | Verein            | Zeit    | L1 | L2 | L3 | L4 | L5 | mj | wj | D1 | D2 |
|---------------------------|----|-------------------|---------|----|----|----|----|----|----|----|----|----|
| 181. Krasthan, Kurt       | 07 | TSG 78 Heidelberg | 52 : 29 |    |    |    |    | 4  |    |    |    |    |
| 182. Müller, Marianne     | 57 | PSV Pforzheim     | 52 : 40 |    |    |    |    |    |    |    | 6  |    |
| 183. Hübner, Hans         | 22 | LT Ladenburg      | 52 : 50 |    |    |    |    | 5  |    |    |    |    |
| 184. Reiter, Gisela       | 34 | LT Ladenburg      | 52 : 52 |    |    |    |    |    |    |    |    | 7  |
| 185. Kurz, Joachim        | 49 | Schwetzingen      | 53 : 02 |    | S3 |    |    |    |    |    |    |    |
| 186. Meyer, Elisabeth     | 36 | Landau            | 53 : 15 |    |    |    |    |    |    |    |    | 8  |
| 187. Lenz, Jürgen         | 53 | TV Gammelsbach    | 53 : 16 |    | S4 |    |    |    |    |    |    |    |
| 188. Lommel, Karin        | 51 | LT Ladenburg      | 53 : 24 |    | +1 |    |    |    |    |    | 7  |    |
| 189. Grosshans, Stephanie | 31 | LiG Wonnegau      | 53 : 24 |    |    |    |    |    |    |    |    | 9  |
| 190. Uhrig, Erika         | 44 | LiG Wonnegau      | 54 : 11 |    |    |    |    |    |    |    |    | 10 |
| 191. Hayes, Gillian       | 56 | TSG 78 Heidelberg | 54 : 16 |    |    |    |    |    |    |    | 8  |    |
| 192. Massa, Bettina       | 73 | TV Edigheim       | 54 : 46 |    |    |    |    |    | 4  |    |    |    |
| 193. Lehwald, Sigrid      | 37 | VLG Maximiliansau | 55 : 12 |    |    |    |    |    |    |    |    | 11 |
| 194. Gästner, Ulrike      | 63 | Wilhelmsfeld      | 55 : 13 |    |    |    |    |    |    |    | 9  |    |
| 195. Darlinger, Eva       | 75 | TV Offenbach      | 55 : 14 |    |    |    |    |    | 5  |    |    |    |
| 196. Ulatowski, Anna      | 22 | SV Heistett       | 55 : 20 |    |    |    |    |    |    |    |    | 12 |
| 197. Darlinger, Helga     | 43 | TV Offenbach      | 56 : 55 |    |    |    |    |    |    |    |    | 13 |
| 198. Martin, Sylvio       | 55 | Ladenburg         | 56 : 58 | 32 |    |    |    |    |    |    |    |    |
| 199. Renner, Cornelia     | 50 | Ludwigshafen      | 56 : 59 | +1 |    |    |    |    |    |    | 10 |    |
| 200. Massar, Rosemarie    | 53 | Edigheim          | 58 : 06 |    |    |    |    |    |    |    | 11 |    |
| 201. Zeus, Gerlinde       | 43 | LCN Mosbach       | 58 : 21 |    |    |    |    |    |    |    |    | 14 |
| 202. Simon, Werner        | 38 | Ketsch            | 58 : 58 |    |    | 48 |    |    |    |    |    |    |
| 203. Mach, Dieter IX      | 41 | Untergruppenbach  | 59 : 12 |    |    | 49 |    |    |    |    |    |    |
| 204. Kraus, Cornelia      | 66 | Aichhalden        | 59 : 26 |    |    | +1 |    |    |    | 6  |    |    |
| 205. Goforth, Thelma      | 27 | SRG Stuttgart     | 61 : 31 |    |    |    |    |    |    |    | 12 |    |
| 206. Klimok, Gudrun       | 45 | SG Bad Schönborn  | 65 : 31 |    |    |    |    |    |    |    |    | 15 |
| 207. Schubert, Michael    | 22 | Heidelberg        | 65 : 31 |    |    |    |    |    | 11 |    |    |    |

+ 8. Testlauf am Samstag

+ 4. Aussteiger