```python
def process_contacts():
    # 读取联系人文件
    with open('contacts.txt', 'r', encoding='utf-8') as f:
        contacts = [line.strip().split() for line in f if line.strip()]

    # 处理数据并准备排序
    processed = []
    for contact in contacts:
        if len(contact) < 3:   # 处理可能的不完整数据
            continue
        name, gender, email = contact[:3]
        username, domain = email.split('@') if '@' in email else ('', '')

        # 确定称呼
        if gender == '男':
            title = '先生'
        elif gender == '女':
            title = '女士'
        else:
            title = '用户'   # 处理未知性别的情况

        processed.append({
            'name': name,
            'title': title,
            'email': email,
            'domain': domain,
            'username': username
```

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        })

    # 排序：先按域名，再按用户名
    processed.sort(key=lambda x: (x['domain'], x['username']))

    # 生成输出内容
    output = []
    for contact in processed:
        line = f"to: <{contact['email']}>\n 尊敬的{contact['name']}{contact['title']}，您的会员资格即将到期，请及时续费。\n---"
        output.append(line)

    # 写入 emails.txt 文件
    with open('emails.txt', 'w', encoding='utf-8') as f:
        f.write('\n'.join(output))


if __name__ == '__main__':
    process_contacts()
```